

DKTK Jahresbericht 2020

DKTK Publikationen Januar – Dezember 2020

Im Folgenden werden die **1197** ISI- oder SCOPUS-referierten Publikationen mit DKTK Affiliation von Wissenschaftlern des Deutschen Konsortiums für Translationale Krebsforschung (DKTK) in alphabetischer Reihenfolge, Angabe des Impaktfaktors (IF) vom Jahr 2019 (≥ 5.000) und Standortzuordnung (Bezug: DKTK-affiliiierende Wissenschaftler) aufgeführt (Stand 01.03.2021). Keine IF-Angabe bedeutet, dass der IF-Wert unter 5.000 liegt oder die Publikationen aus der Datenbank Scopus stammt.

Weitere 63 Publikationen sind als vorläufige E-Publikation erschienen (Stand 01.03.2021).

1. Abdul Pari Ashik Ahmed*, Singhal Mahak*, Hübers Corinne*, Mogler Carolin, Schieb Benjamin*, Gamp Anja*, Gengenbacher Nicolas*, Reynolds Louise E, Terhardt Dorothee*, Géraud Cyrill, Utikal Jochen*, Thomas Markus, Goerdts Sergij, Hodivala-Dilke Kairbaan M, Augustin Hellmut*, Felcht Moritz: *Tumor cell-derived Angiopoietin-2 promotes metastasis in melanoma*. **Cancer research** 2020, 80:2586-2598. **Heidelberg** (9.727)
2. AbdulJabbar Khalid, Raza Shan E Ahmed, Rosenthal Rachel, Jamal-Hanjani Mariam, Veeriah Selvaraju, Akarca Ayse, Lund Tom, Moore David A, Salgado Roberto, Al Bakir Maise, Zapata Luis, Hiley Crispin T, Officer Leah, Sereno Marco, Smith Claire Rachel, Loi Sherene, Hackshaw Allan, Marafioti Teresa, Quezada Sergio A, McGranahan Nicholas, Le Quesne John, Consortium TRACERx, Swanton Charles, Yuan Yinyin, Swanton Charles, Jamal-Hanjani Mariam, Le Quesne John, Hackshaw Allan, Quezada Sergio A, McGranahan Nicholas, Rosenthal Rachel, Hiley Crispin T, Veeriah Selvaraju, Moore David A, Bakir Maise Al, Marafioti Teresa, Salgado Roberto, Ngai Yenting, Sharp Abigail, Rodrigues Cristina, Pressey Oliver, Smith Sean, Gower Nicole, Dhanda Harjot, Riley Joan, Primrose Lindsay, Martinson Luke, Carey Nicolas, Shaw Jacqui A, Fennell Dean, Wilson Gareth A, Birkbak Nicolai J, Watkins Thomas B K, Escudero Mickael, Stewart Aengus, Rowan Andrew, Goldman Jacki, Van Loo Peter, Stone Richard Kevin, Denner Tamara, Nye Emma, Ward Sophia, Lim Emilia L, Boeing Stefan, Greco Maria, Litchfield Kevin, Nicod Jerome, Puttick Clare, Enfield Katey, Colliver Emma, Campbell Brittany, Abbosh Christopher, Wu Yin, Skrzypski Marcin, Hynds Robert E, Georgiou Andrew, Sunderland Mariana Werner, Reading James L, Peggs Karl S, Hartley John A, Gorman Pat, Lowe Helen L, Ensell Leah, Spanswick Victoria, Karamani Angeliki, Biswas Dhruva, Razaq Maryam, Beck Stephan, Huebner Ariana, Dietzen Michelle, Naceur-Lombardelli Cristina, Akther Mita Afroza, Zhai Haoran, Kannu Nnennaya, Manzano Elizabeth, Bola Supreet Kaur, Ghorani Ehsan, de Massy Marc Robert, Hoxha Elena, Hatipoglu Emine, Ogwuru Stephanie, Chain Benny, Price Gillian, Dubois-Marshall Sylvie, Kerr Keith, Palmer Shirley, Cheyne Heather, Miller Joy, Buchan Keith, Chetty Mahendran, Khalil Mohammed, Ezhil Veni, Prakash Vineet, Anand Girija, Khan Sajid, Lau Kelvin, Sheaff Michael, Schmid Peter, Lim Louise, Conibear John, Schwarz Roland*, Tugwood Jonathan, Pierce Jackie, Dive Caroline, Brady Ged, Rothwell Dominic G, Chemi Francesca, Kilgour Elaine, Blackhall Fiona, Priest Lynsey, Krebs Matthew G, Crosbie Philip, Nakas Apostolos, Rathinam Sridhar, Nelson Louise, Ryanna Kim, Tuffail Mohamad, Bajaj Amrita, Brozik Jan, Morgan Fiona, Kornaszewska Malgorzata, Attanoos Richard, Adams Haydn, Davies Helen, Carter Mathew, Lindsay C. R., Gomes Fabio, Szallasi Zoltan, Csabai Istvan, Diossy Miklos, Aerts Hugo, Kirk Alan, Asif Mo, Butler

- John, Bilanca Rocco, Kostoulas Nikos, MacKenzie Mairead, Wilcox Maggie, Busacca Sara, Dawson Alan, Lovett Mark R, Shackcloth Michael, Feeney Sarah, Asante-Siaw Julius, Gosney John, Leek Angela, Totten Nicola, Hodgkinson Jack Davies, Waddington Rachael, Rogan Jane, Moore Katrina, Monteiro William, Marshall Hilary, Blyth Kevin G, Dick Craig, Kidd Andrew, Lim Eric, De Sousa Paulo, Jordan Simon, Rice Alexandra, Raubenheimer Hilgardt, Bhayani Harshil, Hamilton Morag, Ambrose Lyn, Devaraj Anand, Chavan Hema, Begum Sofina, Mani Aleksander, Kaniu Daniel, Malima Mpho, Booth Sarah, Nicholson Andrew G, Fernandes Nadia, Wallen Jessica E, Shah Pratibha, Danson Sarah, Bury Jonathan, Edwards John, Hill Jennifer, Matthews Sue, Kitsanta Yota, Rao Jagan, Tenconi Sara, Socci Laura, Suvarna Kim, Kibutu Faith, Fisher Patricia, Young Robin, Barker Joann, Taylor Fiona, Lloyd Kirsty, Light Teresa, Horey Tracey, Papadatos-Pastos Dionysis, Russell Peter, Lock Sara, Gilbert Kayleigh, Lawrence David, Hayward Martin, Panagiotopoulos Nikolaos, George Robert, Patrini Davide, Falzon Mary, Borg Elaine, Khirya Reena, Ahmed Asia, Taylor Magali, Choudhary Junaid, Shaw Penny, Janes Sam M, Forster Martin, Ahmad Tanya, Lee Siow Ming, Herrero Javier, Carnell Dawn, Mendes Ruheena, George Jeremy, Navani Neal, Scarci Marco, Bertoja Elisa, Stephens Robert C M, Hoogenboom Emilie Martinoni, Holding James W, Bandula Steve, Naidu Babu, Langman Gerald, Robinson Andrew, Bancroft Hollie, Kerr Amy, Kadiri Salma, Ferris Charlotte, Middleton Gary, Djearaman Madava, Patel Akshay, Ottensmeier Christian, Chee Serena, Johnson Benjamin, Alzetani Aiman, Shaw Emily, Lester Jason, Summers Yvonne, Califano Raffaele, Taylor Paul, Shah Rajesh, Krysiak Piotr, Rammohan Kendadai, Fontaine Eustace, Booton Richard, Evison Matthew, Moss Stuart, Novasio Juliette, Joseph Leena, Bishop Paul, Chaturvedi Anshuman, Doran Helen, Granato Felice, Joshi Vijay, Smith Elaine, Montero Angeles: *Geospatial immune variability illuminates differential evolution of lung adenocarcinoma*. **Nature medicine** 2020, 26:1054 - 1062. **Berlin**_(36.130)
3. Abi Jaoude Joseph, Kouzy Ramez, Mainwaring Walker, Lin Timothy A, Miller Austin B, Jethanandani Amit, Espinoza Andres F, Pasalic Dario, Verma Vivek, VanderWalde Noam A, Smith Benjamin D, Smith Grace L, Fuller C David, Das Prajnan, Minsky Bruce D, Rödel Claus*, Fokas Emmanouil*, Jagsi Reshma, Thomas Charles R, Subbiah Ishwaria M, Taniguchi Cullen M, Ludmir Ethan B: *Performance Status Restriction in Phase III Cancer Clinical Trials*. **Journal of the National Comprehensive Cancer Network** 2020, 18:1322 - 1326. **Frankfurt/Mainz**_(9.316)
 4. Adam Salome*, Doege Daniela, Koch-Gallenkamp Lena*, Thong Melissa S Y, Bertram Heike, Eberle Andrea, Holleczer Bernd, Pritzkeleit Ron, Waldeyer-Sauerland Mechthild, Waldmann Annika, Zeissig Sylke Ruth, Jansen Lina*, Rohrmann Sabine, Brenner Hermann*, Arndt Volker*: *Age-specific health-related quality of life in disease-free long-term prostate cancer survivors versus male population controls-results from a population-based study*. **Supportive care in cancer** 2020, 28:2875-2885. **Heidelberg**
 5. Adhikari Bikash, Bozilovic Jelena*, Diebold Mathias, Schwarz Jessica Denise, Hofstetter Julia, Schröder Martin, Wanior Marek, Narain Ashwin, Vogt Markus, Dudvarski Stankovic Nevenka, Baluapuri Apoorva, Schönemann Lars, Eing Lorenz, Bhandare Pranjali, Kuster Bernhard*, Schlosser Andreas, Heinzlmeir Stephanie, Sottriffer Christoph, Knapp Stefan*, Wolf Elmar: *PROTAC-mediated degradation reveals a non-catalytic function of AURORA-A kinase*. **Nature chemical biology** 2020, 16:1179-1188. **Frankfurt/Mainz, München**_(12.587)
 6. Afreen Sehar, Bohler Sheila, Müller Alexandra, Demmerath Eva-Maria, Weiss Julia Miriam, Jutzi Jonas Samuel, Schachtrup Kristina, Kunze Mirjam, Erlacher Miriam*: *BCL-XL expression is essential for human erythropoiesis and engraftment of hematopoietic stem cells*. **Cell death & disease** 2020, 11:8. **Freiburg**_(6.304)
 7. Aftahy A Kaywan, Barz Melanie, Krauss Philipp, Liesche Friederike, Wiestler Benedikt, Combs

- Stephanie E*, Straube Christoph, Meyer Bernhard, Gempt Jens: *Intraventricular neuroepithelial tumors: surgical outcome, technical considerations and review of literature*. **BMC cancer** 2020, 20:1060. **München**
8. Afzal Saira*, Fronza Raffaele, Schmidt Manfred*: *VSeq-Toolkit: Comprehensive Computational Analysis of Viral Vectors in Gene Therapy*. **Molecular therapy Methods & clinical development** [] 2020, 17:752 - 757. **Heidelberg**
 9. Ahmadipour Yahya*, Rauschenbach Laurèl*, Gembruch Oliver*, Darkwah Oppong Marvin*, Michel Anna*, Pierscianek Daniela*, Stuschke Martin*, Glas Martin*, Sure Ulrich*, Jabbarli Ramazan*: *To resect or not to resect? Risks and benefits of surgery in older patients with glioblastoma*. **Journal of geriatric oncology** 2020, 11:688 - 693. **Essen/Düsseldorf**
 10. Aichmüller Christian*, Iskar Murat*, Jones David T W*, Korshunov Andrey*, Radlwimmer Bernhard*, Kool Marcel*, Ernst Aurelie*, Pfister Stefan M*, Immunology Heidelberg University Hospital, Heidelberg, Germany. | German Cancer Consortium , Heidelberg, Germany.}, Lichter Peter*, Zapatka Marc*: *Pilocytic Astrocytoma demethylation and transcriptional landscapes link bZIP transcription factors to immune response*. **Neuro-Oncology** 2020, 22:1327-1338. **Heidelberg**_(10.247)
 11. Akdemir Kadir C, Le Victoria T, Chandran Sahaana, Li Yilong, Verhaak Roel G, Beroukhim Rameen, Campbell Peter J, Chin Lynda, Dixon Jesse R, Futreal P Andrew, Group PCAWG Structural Variation Working, Consortium PCAWG, Akdemir Kadir C, Alvarez Eva G, Baez-Ortega Adrian, Beroukhim Rameen, Boutros Paul C, Bowtell David D L, Brors Benedikt*, Burns Kathleen H, Campbell Peter J, Chan Kin, Chen Ken, Cortés-Ciriano Isidro, Dueso-Barroso Ana, Dunford Andrew J, Edwards Paul A, Estivill Xavier, Etemadmoghadam Dariush, Feuerbach Lars*, Fink J Lynn, Frenkel-Morgenstern Milana, Garsed Dale W, Gerstein Mark, Gordenin Dmitry A, Haan David, Haber James E, Hess Julian M, Hutter Barbara*, Imielinski Marcin, Jones David T W*, Ju Young Seok, Kazanov Marat D, Klimczak Leszek J, Koh Youngil, Korbel Jan O, Kumar Kiran, Lee Eunjung Alice, Lee Jake June-Koo, Li Yilong, Lynch Andy G, Macintyre Geoff, Markowitz Florian, Martincorena Iñigo, Martinez-Fundichely Alexander, Meyerson Matthew, Miyano Satoru, Nakagawa Hidewaki, Navarro Fabio C P, Ossowski Stephan, Park Peter J, Pearson John V, Puiggròs Montserrat, Rippe Karsten, Roberts Nicola D, Roberts Steven A, Rodriguez-Martin Bernardo, Schumacher Steven E, Scully Ralph, Shackleton Mark, Sidiropoulos Nikos, Sieverling Lina*, Stewart Chip, Torrents David, Tubio Jose M C, Villasante Izar, Waddell Nicola, Wala Jeremiah A, Weischenfeldt Joachim, Yang Lixing, Yao Xiaotong, Yoon Sung-Soo, Zamora Jorge, Zhang Cheng-Zhong: *Disruption of chromatin folding domains by somatic genomic rearrangements in human cancer*. **Nature genetics** 2020, 52:294-305. **Heidelberg**_(27.605)
 12. Akpa Chidimma Agatha, Kleo Karsten, Oker Elisabeth, Tomaszewski Nancy, Messerschmidt Clemens, López Cristina, Wagener Rabea, Oehl-Huber Kathrin, Dettmer Katja, Schoeler Anne*, Lenze Dido, Oefner Peter J, Beule Dieter, Siebert Reiner, Capper David*, Dimitrova Lora, Hummel Michael: *Acquired resistance to DZNep-mediated apoptosis is associated with copy number gains of AHCY in a B-cell lymphoma model*. **BMC cancer** 2020, 20:427. **Berlin**
 13. Alasad Khawla, Voeltzke Kai, Levin Liron, Reifemberger Guido*, Leprivier Gabriel, Rotblat Barak: *4EBP1/2 are active under standard cell culture conditions to regulate the translation of specific mRNAs*. **Cell death & disease** 2020, 11:968. **Essen/Düsseldorf**_(6.304)
 14. Albrecht Jakob*, Polenz Dietrich, Kühl Anja A., Rogasch Julian M. M., Leder Annekatrin, Sauer Igor M., Babos Magor, Mócsai Gabor, Beindorff Nicola, Steffen Ingo G., Brenner Winfried, Koziol Eva*: *Diffusion-weighted magnetic resonance imaging using a preclinical 1 T PET/MRI*

- in healthy and tumor-bearing rats. EJNMMI Research* 2019, 9:21. **Berlin**
15. Alcock Lisa J, Langini Maike*, Stühler Kai, Remke Marc*, Perkins Michael V, Bernardes Gonçalo J L, Chalker Justin M: *Proteome-Wide Survey of Cysteine Oxidation by Using a Norbornene Probe. ChemBioChem* 2020, 21:1329 - 1334. **Essen/Düsseldorf**
 16. Ali Khan Uzair*, Fallah Mahdi*, Sundquist Kristina, Sundquist Jan, Brenner Hermann*, Kharazmi Elhamalsadat*: *Risk of colorectal cancer in patients with diabetes mellitus: A Swedish nationwide cohort study. PLoS medicine* 2020, 17:e1003431 -. **Heidelberg_(10.500)**
 17. Ali Khan Uzair*, Fallah Mahdi*, Tian Yu*, Sundquist Kristina, Sundquist Jan, Brenner Hermann*, Kharazmi Elhamalsadat*: *Personal History of Diabetes as Important as Family History of Colorectal Cancer for Risk of Colorectal Cancer: A Nationwide Cohort Study. The American journal of gastroenterology* 2020, 115:1103-1109. **Heidelberg_(10.171)**
 18. Ali Solin, Toews Karin, Schwiebert Silke, Klaus Anika, Winkler Annika, Grunewald Laura, Oevermann Lena, Deubzer Hedwig E*, Tüns Alicia, Jensen Michael C, Henssen Anton G, Eggert Angelika*, Schulte Johannes*, Schwich Esther, Rebmann Vera, Schramm Alexander, Künkele Annette*: *Tumor-Derived Extracellular Vesicles Impair CD171-Specific CD4+ CAR T Cell Efficacy. Frontiers in immunology* 2020, 11:531. **Berlin_(5.085)**
 19. Alig Stefan, Jurinovic Vindi, Shahrokh Esfahani Mohammad, Haebe Sarah, Passerini Verena, Hellmuth Johannes C, Gaitzsch Erik, Keay William, Tahiri Natyra, Zoellner Anna, Rosenwald Andreas, Klapper Wolfram, Stein Harald, Feller Alfred, Ott German, Staiger Annette M, Horn Heike, Hansmann Martin L, Pott Christiane, Unterhalt Michael, Schmidt Christian, Dreyling Martin, Alizadeh Ash A, Hiddemann Wolfgang*, Hoster Eva, Weigert Oliver*: *Evaluating upfront high-dose consolidation after R-CHOP for follicular lymphoma by clinical and genetic risk models. Blood advances* 2020, 4:4451 - 4462. **München**
 20. Alissafi Themis, Kalafati Lydia*, Lazari Maria, Filia Anastasia, Kloukina Ismini, Manifava Maria, Lim Jong-Hyung, Alexaki Vasileia Ismini, Ktistakis Nicholas T, Doskas Triantafyllos, Garinis George A, Chavakis Triantafyllos, Boumpas Dimitrios T, Verginis Panayotis: *Mitochondrial Oxidative Damage Underlies Regulatory T Cell Defects in Autoimmunity. Cell metabolism* 2020, 32:591-604.e597. **Dresden_(21.567)**
 21. Alshamleh Islam, Krause Nina, Richter Christian, Kurrle Nina*, Serve Hubert*, Günther Ulrich L, Schwalbe Harald: *Real-Time NMR Spectroscopy for Studying Metabolism. Angewandte Chemie / International edition International edition* 2020, 59:2304-2308. **Frankfurt/Mainz_(12,959)**
 22. Alwers Elizabeth*, Jansen Lina*, Bläker Hendrik, Kloor Matthias, Tagscherer Katrin E, Roth Wilfried, Boakye Daniel*, Herpel Esther, Grüllich Carsten, Chang-Claude Jenny*, Brenner Hermann*, Hoffmeister Michael*: *Microsatellite instability and survival after adjuvant chemotherapy among stage II and III colon cancer patients: results from a population-based study. Molecular oncology* 2020, 14:363-372. **Heidelberg_(6.574)**
 23. Amgad Mohamed, Stovgaard Elisabeth Specht, Balslev Eva, Thagaard Jeppe, Chen Weijie, Dudgeon Sarah, Sharma Ashish, Kerner Jennifer K, Denkert Carsten*, Yuan Yinyin, AbdulJabbar Khalid, Wienert Stephan, Savas Peter, Voorwerk Leonie, Beck Andrew H, Madabhushi Anant, Hartman Johan, Sebastian Manu M, Horlings Hugo M, Hudeček Jan, Ciompi Francesco, Moore David A, Singh Rajendra, Roblin Elvire, Balancin Marcelo Luiz, Mathieu Marie-Christine, Lennerz Jochen K, Kirtani Pawan, Chen I-Chun, Braybrooke Jeremy P, Pruneri Giancarlo, Demaria Sandra, Adams Sylvia, Schnitt Stuart J, Lakhani Sunil R, Rojo Federico, Comerma Laura, Badve Sunil S, Khojasteh Mehrnough, Symmans W Fraser, Sotiriou Christos, Gonzalez-Ericsson Paula, Pogue-

Geile Katherine L, Kim Rim S, Rimm David L, Viale Giuseppe, Hewitt Stephen M, Bartlett John M S, Penault-Llorca Frédérique, Goel Shom, Lien Huang-Chun, Loibl Sibylle, Kos Zuzana, Loi Sherene, Hanna Matthew G, Michiels Stefan, Kok Marleen, Nielsen Torsten O, Lazar Alexander J, Bago-Horvath Zsuzsanna, Kooreman Loes F S, van der Laak Jeroen A W M, Saltz Joel, Gallas Brandon D, Kurkure Uday, Barnes Michael, Salgado Roberto, Cooper Lee A D, Group International Immuno-Oncology Biomarker Working, Hyytiäinen Aini, Hida Akira I, Thompson Alastair, Lefevre Alex, Gown Allen, Lo Amy, Sapino Anna, Moreira Andre, Richardson Andrea, Vingiani Andrea, Bellizzi Andrew M, Tutt Andrew, Guerrero-Zotano Angel, Grigoriadis Anita, Ehinger Anna, Garrido-Castro Anna C, Vincent-Salomon Anne, Laenkholm Anne-Vibeke, Cimino-Mathews Ashley, Srinivasan Ashok, Acs Balazs, Singh Baljit, Calhoun Benjamin, Haibe-Kans Benjamin, Solomon Benjamin, Thapa Bibhusal, Nelson Brad H, Castaneda Carlos, Ballesteros-Merino Carmen, Criscitiello Carmen, Boeckx Carolien, Colpaert Cecile, Quinn Cecily, Chennubhotla Chakra S, Swanton Charles, Solinas Cinzia, Hiley Crispin, Drubay Damien, Bethmann Daniel, Dillon Deborah A, Larsimont Denis, Sabanathan Dhanusha, Peeters Dieter, Zardavas Dimitrios, Höflmayer Doris, Johnson Douglas B, Thompson E Aubrey, Brogi Edi, Perez Edith, ElGaby Ehab A, Blackley Elizabeth F, Reisenbichler Emily, Bellolio Enrique, Chmielik Ewa, Gaire Fabien, Andre Fabrice, Lu Fang-I, Azmoudeh-Ardalan Farid, Gruosso Forbuis Tina, Peale Franklin, Hirsch Fred R, Klaushen Frederick, Acosta-Haab Gabriela, Farshid Gelareh, van den Eynden Gert, Curigliano Giuseppe, Floris Giuseppe, Broeckx Glenn, Koeppen Harmut, Haynes Harry R, McArthur Heather, Joensuu Heikki, Olofsson Helena, Cree Ian, Nederlof Iris, Frahm Isabel, Brcic Iva, Chan Jack, Hall Jacqueline A, Ziai James, Brock Jane, Wesseling Jelle, Giltane Jennifer, Lemonnier Jerome, Zha Jiping, M Ribeiro Joana, Carter Jodi M, Hainfellner Johannes, Quesne John Le, Juco Jonathan W, Reis-Filho Jorge, van den Berg Jose, Sanchez Joselyn, Sparano Joseph, Cucherousset Joël, Araya Juan Carlos, Adam Julien, Balko Justin M, Saeger Kai, Siziopikou Kalliopi, Willard-Gallo Karen, Sikorska Karolina, Weber Karsten, Steele Keith E, Emancipator Kenneth, El Bairy Khalid, Blenman Kim R M, Allison Kimberly H, van de Vijver Koen K, Korski Konstanty, Pusztai Lajos, Buisseret Laurence, Shi Leming, Shi-Wei Liu, Molinero Luciana, Estrada M Valeria, van Seijen Maartje, Lacroix-Triki Magali, Cheang Maggie C U, Bakir Maise Al, van de Vijver Marc, Dieci Maria Vittoria, Rebelatto Marlon C, Piccart Martine, Goetz Matthew P, Preusser Matthias, Sanders Melinda E, Regan Meredith M, Christie Michael, Misialek Michael, Ignatiadis Michail, de Maaker Michiel, van Bockstal Mieke, Castillo Miluska, Harbeck Nadia, Tung Nadine, Laudus Nele, Sirtaine Nicolas, Burchardi Nicole, Ternes Nils, Radosevic-Robin Nina, Gluz Oleg, Grimm Oliver, Nuciforo Paolo, Jank Paul, Jelinic Petar, Watson Peter H, Francis Prudence A, Russell Prudence A, Pierce Robert H, Hills Robert, Leon-Ferre Roberto, de Wind Roland, Shui Ruohong, Declercq Sabine, Leung Sam, Tabbarah Sami, Souza Sandra C, O'Toole Sandra, Swain Sandra, Willis Scooter, Ely Scott, Kim Seong- Rim, Bedri Shahinaz, Irshad Sheeba, Liu Shi-Wei, Hendry Shona, Bianchi Simonetta, Bragança Sofia, Paik Soonmyung, Fox Stephen B, Luen Stephen J, Naber Stephen, Luz Sua, Fineberg Susan, Soler Teresa, Gevaert Thomas, d'Alfons Timothy, John Tom, Sugie Tomohagu, Bossuyt Veerle, Manem Venkata, Cámaea Vincente Peg, Tong Weida, Yang Wentao, Tran William T, Wang Yihong, Allory Yves, Husain Zaheed: *Report on computational assessment of Tumor Infiltrating Lymphocytes from the International Immuno-Oncology Biomarker Working Group. npj Breast cancer* 2020, 6:16. **Berlin**_(6.000)

24. Amin Samirkumar B, Anderson Kevin J, Boudreau C Elizabeth, Martinez-Ledesma Emmanuel, Department of Neuro-Oncology the University of Texas MD Anderson Cancer Center, Houston, TX 77030, USA.}, Kocakavuk Emre*, DKFZ Division of Translational Neurooncology at the West German Cancer Center Partner Site & Department of Neurosurgery University Hospital Essen, Essen, Germany.}, Johnson Kevin C, Barthel Floris P, Varn Frederick S, Kassab Cynthia, Ling

- Xiaoyang, Kim Hoon, Barter Mary, Lau Ching C, Connecticut Children's Medical Center Hartford, CT 06106, USA, University of Connecticut School of Medicine Farmington, CT 06032, USA.}, Ngan Chew Yee, Chapman Margaret, Koehler Jennifer W, Long James P, Department of Biostatistics the University of Texas MD Anderson Cancer Center, Houston, TX, USA.}, Miller Andrew D, Miller C Ryan, Porter Brian F, Rissi Daniel R, Mazcko Christina, LeBlanc Amy K, Dickinson Peter J, Packer Rebecca A, Taylor Amanda R, Rossmeisl John H, Woolard Kevin D, Heimberger Amy B, Levine Jonathan M, Verhaak Roel G W: *Comparative Molecular Life History of Spontaneous Canine and Human Gliomas*. **Cancer cell** 2020, 37:243 - 257.e247. **Essen/Düsseldorf**_(26.602)
25. Amitay Efrat*, Carr Prudence R*, Jansen Lina*, Alwers Elizabeth*, Roth Wilfried, Herpel Esther, Kloor Matthias, Bläker Hendrik, Chang-Claude Jenny*, Brenner Hermann*, Hoffmeister Michael*: *Postmenopausal hormone replacement therapy and colorectal cancer risk by molecular subtypes and pathways*. **International journal of cancer** 2020, 147:1018-1026. **Heidelberg**_(5.145)
 26. Amitay Efrat*, Carr Prudence R*, Jansen Lina*, Roth Wilfried, Alwers Elizabeth*, Herpel Esther, Kloor Matthias, Bläker Hendrik, Chang-Claude Jenny*, Brenner Hermann*, Hoffmeister Michael*: *Smoking, alcohol consumption and colorectal cancer risk by molecular pathological subtypes and pathways*. **British journal of cancer** 2020, 122:1604-1610. **Heidelberg**_(5.791)
 27. Andrieux Geoffroy*, Chakraborty Sajib, Das Tonmoy, Boerries Melanie*: *Alteration of Proteotranscriptomic Landscape Reveals the Transcriptional Regulatory Circuits Controlling Key-Signaling Pathways and Metabolic Reprogramming During Tumor Evolution*. **Frontiers in cell and developmental biology** 2020, 8:586479. **Freiburg**
 28. Angeles Arlou*, Heckmann Doreen*, Flosdorf Niclas*, Duensing Stefan, Sülthmann Holger*: *The ERG-regulated LINC00920 promotes prostate cancer cell survival via the 14-3-3 ϵ -FOXO pathway*. **Molecular cancer research** 2020, 18:1545-1559. **Heidelberg**
 29. Anssar Tareq M, Leitzmann Michael F, Linker Ralf A, Meier Christoph, Becker Claudia, Jick Susan, Sahm Katharina*, Platten Michael*, Hau Peter, Seliger Corinna: *Autoimmune diseases and immunosuppressive therapy in relation to the risk of glioma*. **Cancer medicine** 2020, 9:1263-1275. **Heidelberg**
 30. Antwi Enoch Boasiako*, Olins Ada, Teif Vladimir B, Bieg Matthias*, Bauer Tobias, Gu Zuguang*, Brors Benedikt*, Eils Roland*, Olins Donald, Ishaque Naveed*: *Whole-genome fingerprint of the DNA methylome during chemically induced differentiation of the human AML cell line HL-60/S4*. **Biology open** 2020, 9:bio044222. **Heidelberg**
 31. Anusruti Ankita*, Jansen Eugène H J M, Gào Xīn*, Xuan Yang*, Brenner Hermann*, Schöttker Ben*: *Longitudinal Associations of Body Mass Index, Waist Circumference, and Waist-to-Hip Ratio with Biomarkers of Oxidative Stress in Older Adults: Results of a Large Cohort Study*. **Obesity facts** 2020, 13:66-76. **Heidelberg**
 32. Arafah Karim, Kriegsmann Mark, Renner Marcus, Lasitschka Felix, Fresnais Margaux*, Kriegsmann Katharina, von Winterfeld Moritz, Goeppert Benjamin, Kriegsmann Jörg, Casadonte Rita, Kazdal Daniel, Bulet Philippe, Longuespée Rémi: *Microproteomics and Immunohistochemistry Reveal Differences in Aldo-Keto Reductase Family 1 Member C3 (AKR1C3) in Tissue Specimens of Ulcerative Colitis and Crohn's Disease*. **Proteomics / Clinical applications Clinical applications []** 2020, 14:e1900110. **Heidelberg**
 33. Archambault Alexi N, Su Yu-Ru, Jeon Jihyoun, Thomas Minta, Lin Yi, Conti David V, Win Aung Ko, Sakoda Lori C, Lansdorp-Vogelaar Iris, Peterse Elisabeth Fp, Zauber Ann G, Duggan David,

- Holowatyj Andreana N, Huyghe Jeroen R, Brenner Hermann*, Cotterchio Michelle, Bézieau Stéphane, Schmit Stephanie L, Edlund Christopher K, Southey Melissa C, MacInnis Robert J, Campbell Peter T, Chang-Claude Jenny*, Slattery Martha L, Chan Andrew T, Joshi Amit D, Song Mingyang, Cao Yin, Woods Michael O, White Emily, Weinstein Stephanie J, Ulrich Cornelia M, Hoffmeister Michael*, Bien Stephanie A, Harrison Tabitha A, Hampe Jochen, Li Christopher I, Schafmayer Clemens, Offit Kenneth, Pharoah Paul D, Moreno Victor, Lindblom Annika, Wolk Alicja, Wu Anna H, Li Li, Gunter Marc J, Gsur Andrea, Keku Temitope O, Pearlman Rachel, Bishop D Timothy, Castellví-Bel Sergi, Moreira Leticia, Vodicka Pavel, Kampman Ellen, Giles Graham G, Albanes Demetrius, Baron John A, Berndt Sonja I, Brezina Stefanie, Buch Stephan, Buchanan Daniel D, Trichopoulou Antonia, Severi Gianluca, Chirlaque María-Dolores, Sánchez Maria-José, Palli Domenico, Kühn Tilman*, Murphy Neil, Cross Amanda J, Burnett-Hartman Andrea N, Chanock Stephen J, Chapelle Albert de la, Easton Douglas F, Elliott Faye, English Dallas R, Feskens Edith Jm, FitzGerald Liesel M, Goodman Phyllis J, Hopper John L, Hudson Thomas J, Hunter David J, Jacobs Eric J, Joshi Corinne E, Küry Sébastien, Markowitz Sanford D, Milne Roger L, Platz Elizabeth A, Rennert Gad, Rennert Hedy S, Schumacher Fredrick R, Sandler Robert S, Seminara Daniela, Tangen Catherine M, Thibodeau Stephen N, Toland Amanda E, van Duijnhoven Franzel Jb, Visvanathan Kala, Vodickova Ludmila, Potter John D, Männistö Satu, Weigl Korbinian*, Figueiredo Jane, Martín Vicente, Larsson Susanna C, Parfrey Patrick S, Huang Wen-Yi, Lenz Heinz-Josef, Castela Jose E, Gago-Dominguez Manuela, Muñoz-Garzón Victor, Mancao Christoph, Haiman Christopher A, Wilkens Lynne R, Siegel Erin, Barry Elizabeth, Younghusband Ban, Van Guelpen Bethany, Harlid Sophia, Zeleniuch-Jacquotte Anne, Liang Peter S, Du Mengmeng, Casey Graham, Lindor Noralane M, Le Marchand Loic, Gallinger Steven J, Jenkins Mark A, Newcomb Polly A, Gruber Stephen B, Schoen Robert E, Hampel Heather, Corley Douglas A, Hsu Li, Peters Ulrike, Hayes Richard B: *Cumulative Burden of Colorectal Cancer-Associated Genetic Variants is More Strongly Associated With Early-onset vs Late-onset Cancer*. **Gastroenterology** 2020, 158:1274-1286.e1212. **Heidelberg**_(17.373)
34. Arends Christopher Maximilian, Weiss Marlene, Christen Friederike, Eulenberg-Gustavus Claudia, Rousselle Anthony, Kettritz Ralph, Eckardt Kai-Uwe, Chan Willy, Hoyer Kaja, Frick Mareike, Bullinger Lars*, Bieringer Markus, Schreiber Adrian, Damm Frederik: *Clonal hematopoiesis in patients with anti-neutrophil cytoplasmic antibody-associated vasculitis*. **Haematologica** 2020, 105:e264 - e267. **Berlin**_(7.116)
35. Arians Nathalie, Häfner Matthias, Krisam Johannes, Lang Kristin, Wark Antje, Koerber Stefan A, Hommertgen Adriane, Debus Jürgen*: *Intrafractional vaginal dilation in anal cancer patients undergoing pelvic radiotherapy (DILANA) - a prospective, randomized, 2-armed phase-II-trial*. **BMC cancer** 2020, 20:52. **Heidelberg**
36. Arians Nathalie, Oelmann-Avendano Jan Tobias, Schmitt Daniela, Meixner Eva, Wark Antje, Hoerner-Rieber Juliane*, El Shafie Rami A, Lang Kristin, Wallwiener Markus, Debus Jürgen*: *Evaluation of Uterine Brachytherapy as Primary Treatment Option for Elderly Patients with Medically Inoperable Endometrial Cancer-A Single-Center Experience and Review of the Literature*. **Cancers** 2020, 12:2301. **E050, Heidelberg**_(6.126)
37. Arndt Claudia, Fasslrunner Frederick, Loureiro Liliana R, Koristka Stefanie, Feldmann Anja, Bachmann Michael*: *Adaptor CAR Platforms-Next Generation of T Cell-Based Cancer Immunotherapy*. **Cancers** 2020, 12:1302 **Dresden**_(6.126)
38. Arndt Claudia, Loureiro Liliana R., Feldmann Anja, Jureczek Justyna*, Bergmann Ralf, Máthé Domokos, Hegedüs Nikolett, Berndt Nicole, Koristka Stefanie, Mitwasi Nicola, Fasslrunner Frederick, Lamprecht Chris, Kegler Alexandra*, Hoffmann Anja, Bartsch Tabea, Köseer Ayşe

- Sedef, Egan Gary, Schmitz Marc*, Hořejší Vaclav, Krause Mechthild*, Dubrovská Anna*, Bachmann Michael*: *UniCAR T cell immunotherapy enables efficient elimination of radioresistant cancer cells. **OncImmunology** 2020, 9:1743036 **Dresden**_(5.869)*
39. Arnold A., Daum S., von Winterfeld M., Berg E., Hummel M., Rau B., Stein U. *, Treese C.: *Prognostic impact of Claudin 18.2 in gastric and esophageal adenocarcinomas. **Clinical and translational oncology** 2020, 22:2357-2363. **Berlin***
 40. Arnold Natalie, Rehm Martin, Büchele Gisela, Peter Raphael Simon, Brenner Rolf Erwin, Günther Klaus-Peter, Brenner Hermann*, Koenig Wolfgang, Rothenbacher Dietrich: *Growth Differentiation Factor-15 as a Potent Predictor of Long-Term Mortality among Subjects with Osteoarthritis. **Journal of Clinical Medicine** 2020, 9:3107 **Heidelberg***
 41. Ascierto Paolo Antonio, Del Vecchio Michelle, Mackiewicz Andrzej, Robert Caroline, Chiarion-Sileni Vanna, Arance Ana, Lebbé Céleste, Svane Inge Marie, McNeil Catriona, Rutkowski Piotr, Loquai Carmen, Mortier Laurent, Hamid Omid, Bastholt Lars, Dreno Brigitte, Schadendorf Dirk*, Garbe Claus, Nyakas Marta, Grob Jean-Jacques, Thomas Luc, Liskay Gabriella, Smylie Michael, Hoeller Christoph, Ferraresi Virginia, Grange Florent, Gutzmer Ralf, Pikiel Joanna, Hosein Fareeda, Simsek Burcin, Maio Michele: *Overall survival at 5 years of follow-up in a phase III trial comparing ipilimumab 10 mg/kg with 3 mg/kg in patients with advanced melanoma. **Journal for ImmunoTherapy of Cancer** 2020, 8:e000391. **Essen/Düsseldorf**_(9.913)*
 42. Ascierto Paolo A, Dummer Reinhard, Gogas Helen J, Flaherty Keith T, Arance Ana, Mandalà Mario, Liskay Gabriella, Garbe Claus, Schadendorf Dirk*, Krajsova Ivana, Gutzmer Ralf, de Groot Jan Willem B, Loquai Carmen, Gollerkeri Ashwin, Pickard Michael D, Robert Caroline: *Update on tolerability and overall survival in COLUMBUS: landmark analysis of a randomised phase 3 trial of encorafenib plus binimetinib vs vemurafenib or encorafenib in patients with BRAF V600-mutant melanoma. **European journal of cancer** 2020, 126:33 - 44. **Essen/Düsseldorf**_(7.275)*
 43. Ascierto P. A., Lewis K. D., Di Giacomo A. M., Demidov L., Mandalà M., Bondarenko I., Herbert C., Mackiewicz A., Rutkowski P., Guminski A., Simmons B., Ye C., Hooper G., Wongchenko M. J., Goodman G. R., Yan Y., Schadendorf D.*: *Prognostic impact of baseline tumour immune infiltrate on disease-free survival in patients with completely resected, BRAFv600 mutation-positive melanoma receiving adjuvant vemurafenib. **Annals of oncology** 2020, 31:153 - 159. **Essen/Düsseldorf**_(18.274)*
 44. Aslan Katrin*, Turco Verena*, Blobner Jens*, Sonner Jana*, Liuzzi Anna Rita, Núñez Nicolás Gonzalo, De Feo Donatella, Kickingeder Philipp, Fischer Manuel*, Green Ed*, Sadik Ahmed*, Friedrich Mirco*, Sanghvi Khwab*, Kilian Michael*, Cichon Frederik*, Wolf Lara*, Jähne Kristine*, von Landenberg Anna*, Bunse Lukas*, Sahm Felix*, Schimpf Daniel*, Meyer Jochen*, Alexander Allen*, Brugnara Gianluca, Röth Ralph, Pfeleiderer Kira*, Niesler Beate, von Deimling Andreas*, Opitz Christiane*, Breckwoldt Michael*, Heiland Sabine, Bendszus Martin, Wick Wolfgang*, Becher Burkhard, Platten Michael*: *Heterogeneity of response to immune checkpoint blockade in hypermutated experimental gliomas. **Nature Communications** 2020, 11:931. **Heidelberg**_(12.121)*
 45. Asokan Nandini, Daetwyler Stephan, Bernas Stefanie N., Schmied Christopher, Vogler Steffen, Lambert Katrin, Wobus Manja, Wermke Martin, Kempermann Gerd, Huisken Jan, Brand Michael, Bornhäuser Martin*: *Long-term in vivo imaging reveals tumor-specific dissemination and captures host tumor interaction in zebrafish xenografts. **Scientific reports** 2020, 10:13254. **Dresden***

46. Augustin Teresa, Oliinyk Dmytro, Köhler Viktoria Florentine, Rauch Josefine, Belka Claus*, Spitzweg Christine*, Käsmann Lukas*: *Clinical Outcome and Toxicity in the Treatment of Anaplastic Thyroid Cancer in Elderly Patients*. **Journal of Clinical Medicine** 2020, 9:3231. **München**
47. Bäcker Claus Maximilian, Bäumer Christian*, Gerhardt Marcel, Ibsi Sedef, Kröninger Kevin, Nitsch Christian, Weingarten Jens, Timmermann Beate*: *Evaluation of the activation of brass apertures in proton therapy using gamma-ray spectrometry and Monte Carlo simulations*. **Journal of radiological protection** 2020, 40:848 - 860. **Essen/Düsseldorf**
48. Baer Patrick C, Sann Julia, Duecker Ruth Pia, Ullrich Evelyn*, Geiger Helmut, Bader Peter, Zielen Stefan, Schubert Ralf: *Tracking of Infused Mesenchymal Stem Cells in Injured Pulmonary Tissue in Atm-Deficient Mice*. **Cells** 2020, 9:1444 **Frankfurt/Mainz**
49. Bahn Emanuel*, Bauer Julia, Harrabi Semi, Herfarth Klaus, Debus Ju Rgen*, Alber Markus: *Late contrast enhancing brain lesions in proton treated low-grade glioma patients: clinical evidence for increased periventricular sensitivity and variable RBE*. **International journal of radiation oncology, biology, physics** 2020, 107:571-578. **Heidelberg_(5.859)**
50. Bailey Matthew H, Meyerson William U, Dursi Lewis Jonathan, Wang Liang-Bo, Dong Guanlan, Liang Wen-Wei, Weerasinghe Amila, Li Shantao, Kelso Sean, Group MC3 Working, group PCAWG novel somatic mutation calling methods working, al. et.: *Retrospective evaluation of whole exome and genome mutation calls in 746 cancer samples*. **Nature Communications** 2020, 11:4748. **Heidelberg_(12.121)**
51. Balavarca Villanueva Yesilda*, Weigl Korbinian*, Thomsen Hauke*, Brenner Hermann*: *Performance of individual and joint risk stratification by an environmental risk score and a genetic risk score in a colorectal cancer screening setting*. **International journal of cancer** 2020, 146:627-634. **Heidelberg_(5.145)**
52. Balcerek Magdalena, Schilling Ralph, Byrne Julianne, Dirksen Uta*, Cario Holger, Fernandez-Gonzalez Marta Julia, Kepak Tomas, Korte Elisabeth, Kruseova Jarmila, Kunstreich Marina, Lackner Herwig, Langer Thorsten, Sawicka-Zukowska Malgorzata, Stefanowicz Joanna, Strauß Gabriele, Borgmann-Staudt Anja, PanCareLIFE: *Determinants of utilization of cryopreservation of germ cells in adolescent cancer patients in four European countries*. **European journal of pediatrics** 2020, 179:51-60. **Essen/Düsseldorf**
53. Baldin Alexey V, Savvateeva Lyudmila V, Bazhin Alexandr V*, Zamyatnin Andrey A: *Dendritic Cells in Anticancer Vaccination: Rationale for Ex Vivo Loading or In Vivo Targeting*. **Cancers** 2020, 12:E590 **München_(6.126)**
54. Ballo Olivier, Fleckenstein Philine, Eladly Fagr, Kreisel Eva-Maria, Stratmann Jan, Seifried Erhard, Müller Markus, Serve Hubert*, Bug Gesine, Bonig Halvard, Brandts Christian H*, Finkelmeier Fabian: *Reducing the red blood cell transfusion threshold from 8·0 g/dl to 7·0 g/dl in acute myeloid leukaemia patients undergoing induction chemotherapy reduces transfusion rates without adversely affecting patient outcome*. **Vox sanguinis** 2020, 115:570-578. **Frankfurt/Mainz**
55. Ballo Olivier, Kreisel Eva-Maria, Eladly Fagr, Brunnberg Uta, Stratmann Jan, Hunyady Peter, Hogardt Michael, Wichelhaus Thomas A, Kempf Volkhard A J, Steffen Björn*, Vehreschild Joerg J, Vehreschild Maria J G T, Finkelmeier Fabian, Serve Hubert*, Brandts Christian H*: *Use of carbapenems and glycopeptides increases risk for Clostridioides difficile infections in acute myeloid leukemia patients undergoing intensive induction chemotherapy*. **Annals of hematology**

2020, 99:2547-2553. **Frankfurt/Mainz**

56. Bamopoulos Stefanos A, Batcha Aarif M N, Jurinovic Vindi, Rothenberg-Thurley Maja, Janke Hanna, Ksienzyk Biana, Philippou-Massier Julia, Graf Alexander, Krebs Stefan, Blum Helmut, Schneider Stephanie, Konstandin Nikola, Sauerland Maria Cristina, Görlich Dennis, Berdel Wolfgang E, Woermann Bernhard J, Bohlander Stefan K, Canzar Stefan, Mansmann Ulrich*, Hiddemann Wolfgang*, Braess Jan, Spiekermann Karsten*, Metzeler Klaus H*, Herold Tobias*: *Clinical presentation and differential splicing of SRSF2, U2AF1 and SF3B1 mutations in patients with acute myeloid leukemia*. **Leukemia** 2020, 34:2621-2634. **München**_(8.665)
57. Banan Rouzbeh, Stichel Damian*, Bleck Anja, Hong Bujung, Lehmann Ulrich, Suwala Abigail*, Reinhardt Annekathrin*, Schrimpf Daniel*, Buslei Rolf, Stadelmann Christine, Ehlert Karoline, Prinz Marco, Acker Till, Schittenhelm Jens, Kaul David, Schweizer Leonille*, Capper David*, Harter Patrick*, Etminan Nima, Jones David T W*, Pfister Stefan M*, Herold-Mende Christel, Wick Wolfgang*, Sahm Felix*, von Deimling Andreas*, Hartmann Christian, Reuß David*: *Infratentorial IDH-mutant astrocytoma is a distinct subtype*. **Acta neuropathologica** 2020, 140:569-581. **Heidelberg, Berlin, Frankfurt/Mainz**_(14.256)
58. Bang Yung-Jue, Su Wu-Chou, Schuler Martin*, Nam Do-Hyun, Lim Wan Teck, Bauer Todd M, Azaro Analia, Poon Ronnie Tung Ping, Hong David, Lin Chia-Chi, Akimov Mikhail, Ghebremariam Samson, Zhao Sylvia, Giovannini Monica, Ma Brigitte: *Phase 1 study of capmatinib in MET-positive solid tumor patients: Dose escalation and expansion of selected cohorts*. **Cancer science** 2020, 111:536 - 547. **Essen/Düsseldorf**
59. Barahona Ponce Carol, Scherer Dominique, Boekstegers Felix, Gárate Valentina, Jenab Mazda, Aleksandrova Krasimira, Katzke Verena*, Weiderpass Elisabete, Bonet Catalina, Moradi Tahereh, Fischer Krista, Bossers Willem, Brenner Hermann*, Schöttker Ben*, Holleczer Bernd*, Hveem Kristian, Eklund Niina, Völker Uwe, Waldenberger Melanie, Lorenzo Bermejo Justo: *Arsenic and Gallbladder Cancer Risk: Mendelian Randomization Analysis of European Prospective Data*. **International journal of cancer** 2020, 146:2648-2650. **Heidelberg**_(5.145)
60. Bararia Deepak*, Hildebrand Johannes A*, Stolz Sebastian, Haeb Sarah, Alig Stefan, Trevisani Christopher P, Osorio-Barrios Francisco, Bartoschek Michael D, Mentz Michael, Pastore Alessandro, Gaitzsch Erik*, Heide Michael*, Jurinovic Vindi, Rautter Katharina, Gunawardana Jay, Sabdia Muhammed B, Szczepanowski Monika, Richter Julia, Klapper Wolfram, Louissaint Abner, Ludwig Christina, Bultmann Sebastian, Leonhardt Heinrich, Eustermann Sebastian, Hopfner Karl-Peter, Hiddemann Wolfgang*, von Bergwelt-Baildon Michael*, Steidl Christian, Kridel Robert, Tobin Joshua W D, Gandhi Maher K, Weinstock David M, Schmidt-Supprian Marc*, Sárosi Menyhárt B, Rudelius Martina, Passerini Verena*, Mautner Josef, Weigert Oliver*: *Cathepsin S Alterations Induce a Tumor-Promoting Immune Microenvironment in Follicular Lymphoma*. **Cell reports** 2020, 31:107522. **München**_(8.109)
61. Barialai Leli*, Strecker Maja I*, Luger Anna-Luisa*, Jäger Manuel, Bruns Ines*, Sittig Alina C M*, Mildener Iris C*, Heller Sonja M*, Delaidelli Alberto*, Lorenz Nadja I*, Voss Martin*, Ronellenfisch Michael W*, Steinbach Joachim P*, Burger Michael C*: *AMPK activation protects astrocytes from hypoxia-induced cell death*. **International journal of molecular medicine** 2020, 45:1385-1396. **Frankfurt/Mainz**
62. Bärthel Stefanie*, Schneider Günter*, Saur Dieter*: *Blocking the road to de-differentiation: HNF1A/KDM6A complex safeguards epithelial integrity in pancreatic cancer*. **The EMBO journal** 2020, 39:e104759. **München**_(9.889)

63. Barz Malwine J, Hof Jana, Groeneveld-Krentz Stefanie, Loh Jui Wan, Szymansky Annabell, Astrahantseff Kathy, von Stackelberg Arend, Khiabani Hossein, Ferrando Adolfo A, Eckert Cornelia, Kirschner-Schwabe Renate*: *Subclonal NT5C2 mutations are associated with poor outcomes after relapse of pediatric acute lymphoblastic leukemia*. **Blood** 2020, 135:921-933. **Berlin_(17.543)**
64. Baumann Claudia, Tichy Julia*, Schaefer Jan Hendrik, Steinbach Joachim P*, Mittelbronn Michel, Wagner Marlies, Foerch Christian: *Delay in diagnosing patients with right-sided glioblastoma induced by hemispheric-specific clinical presentation*. **Journal of neuro-oncology** 2020, 146:63-69. **Frankfurt/Mainz**
65. Baumert Hannah Maria, Metzger Eric, Fahrner Matthias, George Julie, Thomas Roman K, Schilling Oliver*, Schüle Roland*: *Depletion of histone methyltransferase KMT9 inhibits lung cancer cell proliferation by inducing non-apoptotic cell death*. **Cancer cell international** 2020, 20:52. **Heidelberg, Freiburg**
66. Bayram Safak, Fürst Susanne*, Forbes Martin, Kempa Stefan: *Analysing central metabolism in ultra-high resolution: At the crossroads of carbon and nitrogen*. **Molecular metabolism** 2020, 33:38-47. **Berlin_(6.448)**
67. Bechmann Nicole, Moskopp Mats Leif, Ullrich Martin, Calsina Bruna, Wallace Pål William, Richter Susan, Friedemann Markus, Langton Katharina, Fliedner Stephanie M J, Timmers Henri J L M, Nölting Svenja, Beuschlein Felix, Fassnacht Martin, Prejbisz Aleksander, Pacak Karel, Ghayee Hans K, Bornstein Stefan R, Dieterich Peter, Pietzsch Jens, Wielockx Ben, Robledo Mercedes, Qin Nan*, Eisenhofer Graeme: *HIF2α supports pro-metastatic behavior in pheochromocytomas/paragangliomas*. **Endocrine related cancer** 2020, 27:625 - 640. **Essen/Düsseldorf**
68. Beck Olaf, Paret Claudia*, Russo Alexandra*, Burhenne Jürgen*, Fresnais Margaux*, Steimel Kevin, Seidmann Larissa, Wagner Daniel-Christoph, Vewinger Nadine, Lehmann Nadine, Sprang Maximilian, Backes Nora, Roth Lea, Neu Marie Astrid, Wingerter Arthur, Henninger Nicole, Malki Khalifa El, Otto Henrike, Alt Francesca, Desuki Alexander, Kindler Thomas*, Faber Joerg*: *Safety and Activity of the Combination of Ceritinib and Dasatinib in Osteosarcoma*. **Cancers** 2020, 12:793. **Frankfurt/Mainz, Heidelberg_(6.126)**
69. Becker Heiko*, Pfeifer Dietmar, Ihorst Gabriele, Pantic Milena, Wehrle Julius*, Rüter Björn H, Bullinger Lars, Hackanson Björn, Germing Ulrich, Kuendgen Andrea, Platzbecker Uwe, Döhner Konstanze, Ganser Arnold, Hagemeijer Anne, Wijermans Pierre W, Döhner Hartmut, Duyster Justus*, Lübbert Michael*: *Monosomal karyotype and chromosome 17p loss or TP53 mutations in decitabine-treated patients with acute myeloid leukemia*. **Annals of hematology** 2020, 99:1551 - 1560. **Freiburg**
70. Becker Martin, Noll-Puchta Heidi, Amend Diana, Nolte Florian, Fuchs Christiane, Jeremias Irmela*, Braun Christian Jörg*: *CLUE: a bioinformatic and wet-lab pipeline for multiplexed cloning of custom sgRNA libraries*. **Nucleic acids research** 2020, 48:e78. **München_(11.502)**
71. Behling Felix, Fodi Christina, Gepfner-Tuma Irina, Machetanz Kathrin, Renovanz Mirjam, Skardelly Marco, Bornemann Antje, Honegger Jürgen, Tabatabai Ghazaleh*, Tatagiba Marcos, Schittenhelm Jens: *CNS Invasion in Meningioma-How the Intraoperative Assessment Can Improve the Prognostic Evaluation of Tumor Recurrence*. **Cancers** 2020, 12:3620 -. **Tübingen_(6.126)**
72. Bekeschus Sander, Moritz Juliane, Helfrich Iris*, Boeckmann Lars, Weltmann Klaus-Dieter,

- Emmert Steffen, Metelmann Hans-Robert, Stoffels Ingo*, von Woedtke Thomas: *Ex Vivo Exposure of Human Melanoma Tissue to Cold Physical Plasma Elicits Apoptosis and Modulates Inflammation*. **Applied Sciences** 2020, 10:1971. **Essen/Düsseldorf**
73. Bell Jessica L, Hagemann Sven, Holien Jessica K, Liu Tao, Nagy Zsuzsanna, Schulte Johannes H*, Misiak Danny, Hüttelmaier Stefan: *Identification of RNA-Binding Proteins as Targetable Putative Oncogenes in Neuroblastoma*. **International journal of molecular sciences** 2020, 21:5098 -. **Berlin**
74. Belter Birgit, Deuther-Conrad Winnie, Hofheinz Frank, Neuber Christin, Bachmann Michael*, Brust Peter, Pietzsch Jens: *The sigma-1 receptor: Potential role in the modulation of cellular radiation sensitivity*. **Journal of Cellular Biotechnology** 2020, 6:13 - 21. **Dresden**
75. Benary Manuela, Bohn Stefan, Lüthen Mareen*, Nolis Ilias K, Blüthgen Nils*, Loewer Alexander: *Disentangling Pro-mitotic Signaling during Cell Cycle Progression using Time-Resolved Single-Cell Imaging*. **Cell reports** 2020, 31:107514 **Berlin_**(8.109)
76. Benesch Martin, Nemes Karolina, Neumayer Petra, Hasselblatt Martin, Timmermann Beate, Bison Brigitte, Ebetsberger-Dachs Georg, Bourdeaut Franck, Dufour Christelle, Biassoni Veronica, Morales La Madrid Andrés, Entz-Werle Natacha, Laithier Véronique, Quehenberger Franz, Weis Serge, Sumerauer David, Siebert Reiner, Bens Susanne, Schneppenheim Reinhard, Kool Marcel*, Modena Piergiorgio, Fouyssac Fanny, C Frühwald Michael: *Spinal cord atypical teratoid/rhabdoid tumors in children: Clinical, genetic, and outcome characteristics in a representative European cohort*. **Pediatric blood & cancer** 2020, 67:e28022. **Heidelberg**
77. Berberich Anne*, Bartels Frederik*, Tang Zili*, Knoll Maximilian*, Pusch Sonja*, Hücke Nanina*, Kessler Tobias*, Dong Zhen, Wiestler Benedikt, Winkler Frank*, Platten Michael*, Wick Wolfgang*, Abdollahi Amir*, Lemke Dieter*: *LAPTM5-CD40 Crosstalk in Glioblastoma Invasion and Temozolomide Resistance*. **Frontiers in oncology** 2020, 10:747. **Heidelberg**
78. Berberich Anne*, Schmitt Lara-Marie*, Pusch Stefan*, Hielscher Thomas*, Rübmann Petra*, Hücke Nanina*, Latzer Pauline*, Heßling Bernd*, Lemke Dieter*, Kessler Tobias*, Platten Michael*, Wick Wolfgang*: *cMyc and ERK activity are associated with resistance to ALK inhibitory treatment in glioblastoma*. **Journal of neuro-oncology** 2020, 146:9-23. **Heidelberg**
79. Berchtold Susanne, Beil Julia*, Raff Christian, Smirnow Irina, Schell Martina, D'Alvise Janina, Gross Silvia, Lauer Ulrich M*: *Assessing and Overcoming Resistance Phenomena against a Genetically Modified Vaccinia Virus in Selected Cancer Cell Lines*. **International journal of molecular sciences** 2020, 21:E7618. **Tübingen**
80. Berger Anne Katrin, Mughal Sadaf Shabbir*, Allgäuer Michael, Springfield Christoph, Hackert Thilo, Weber Tim Frederik, Naumann Patrick, Hutter Barbara*, Horak Peter*, Jahn Arne*, Schröck Evelin*, Haag Georg Martin, Apostolidis Leonidas, Jäger Dirk, Stenzinger Albrecht*, Fröhling Stefan*, Glimm Hanno*, Heining Christoph*: *Metastatic adult pancreatoblastoma: Multimodal treatment and molecular characterization of a very rare disease*. **Pancreatology** 2020, 20:425-432. **Heidelberg, Dresden**
81. Bernatz Simon, Ackermann Jörg, Mandel Philipp, Kaltenbach Benjamin, Zhdanovich Yauheniya, Harter Patrick*, Döring Claudia, Hammerstingl Renate, Bodelle Boris, Smith Kevin, Bucher Andreas, Albrecht Moritz, Rosbach Nicolas, Basten Lajos, Yel Ibrahim, Wenzel Mike, Bankov Katrin, Koch Ina, Chun Felix K-H, Köllermann Jens, Wild Peter J, Vogl Thomas J: *Comparison of machine learning algorithms to predict clinically significant prostate cancer of the peripheral zone with multiparametric MRI using clinical assessment categories and radiomic features*.

European radiology 2020, 30:6757-6769. **Frankfurt/Mainz**

82. Bernhardt Denise*, Wick Wolfgang*, Weiss Stephanie E, Sahgal Arjun, Lo Simon S, Suh John H, Chang Eric L, Foote Matthew, Perry James, Meyer Bernhard, Vajkoczy Peter, Wen Patrick Y, Straube Christoph*, Pigorsch Steffi*, Wilkens Jan J, Combs Stephanie E*: *Neuro-oncology Management During the COVID-19 Pandemic With a Focus on WHO Grade III and IV Gliomas*. **Neuro-Oncology** 2020, 22:928-935. **München**_(10.247)
83. Beyerle Jolantha*, Holowatyj Andreana N, Haffa Mariam*, Frei Eva*, Gigic Biljana, Schrotz-King Petra*, Böhm Jürgen, Habermann Nina, Stiborova Marie, Scherer Dominique, Koelsch Torsten, Skender Stephanie*, Becker Nikolaus*, Herpel Esther, Schneider Martin, Ulrich Alexis, Schirmacher Peter, Chang-Claude Jenny*, Brenner Hermann*, Hoffmeister Michael*, Haug Ulrike, Owen Robert W*, Ulrich Cornelia M: *Expression patterns of xenobiotic metabolizing enzymes in tumor and adjacent normal mucosa tissues among patients with colorectal cancer: The ColoCare Study*. **Cancer epidemiology, biomarkers & prevention** 2020, 29:460-469. **Heidelberg**
84. Bhardwaj Megha*, Weigl Korbinian*, Tikk Kaja*, Benner Axel*, Schrotz-King Petra*, Brenner Hermann*: *Multiplex screening of 275 plasma protein biomarkers to identify a signature for early detection of colorectal cancer*. **Molecular oncology** 2020, 14:8-21. **Heidelberg**_(6.574)
85. Bhardwaj Megha*, Weigl Korbinian*, Tikk Kaja*, Holland-Letz Tim*, Schrotz-King Petra*, Borchers Christoph H, Brenner Hermann*: *Multiplex quantitation of 270 plasma protein markers to identify a signature for early detection of colorectal cancer*. **European journal of cancer** 2020, 127:30 - 40. **Heidelberg**_(7.275)
86. Bhat Hilal, Zaun Gregor, Hamdan Thamer A, Lang Judith, Adomati Tom, Schmitz Rosa, Friedrich Sarah-Kim, Bergerhausen Michael, Cham Lamin B, Li Fanghui, Ali Murtaza, Zhou Fan, Khairnar Vishal, Duhan Vikas, Brandenburg Tim, Machlah Yara Maria, Schiller Maximilian, Berry Arshia, Xu Haifeng, Vollmer Jörg, Häussinger Dieter, Thier Beatrice, Pandya Aleksandra A, Schadendorf Dirk*, Paschen Annette*, Schuler Martin*, Lang Philipp A, Lang Karl S: *Arenavirus Induced CCL5 Expression Causes NK Cell-Mediated Melanoma Regression*. **Frontiers in immunology** 2020, 11:1849. **Essen/Düsseldorf**_(5.085)
87. Bian Yangyang, Zheng Runsheng, Bayer Florian P, Wong Cassandra, Chang Yun-Chien, Meng Chen, Zolg Daniel, Reinecke Maria*, Zecha Jana, Wiechmann Svenja*, Heinzlmeir Stephanie, Scherr Johannes, Hemmer Bernhard, Baynham Mike, Gingras Anne-Claude, Boychenko Oleksandr, Kuster Bernhard*: *Robust, reproducible and quantitative analysis of thousands of proteomes by micro-flow LC-MS/MS*. **Nature Communications** 2020, 11:157. **München**_(12.121)
88. Bidmon Nicole, Gouttefangeas Cécile*, van der Burg Sjoerd H: *Generation of TCR-engineered reference cell samples to control T-cell assay performance*. **Methods in enzymology** 2020, 631:195-221. **Tübingen**
89. Biederstädt Alexander, Hassan Zonera, Schneeweis Christian, Schick Markus, Schneider Lara, Muckenhuber Alexander, Hong Yingfen, Siegers Gerrit, Nilsson Lisa, Wirth Matthias, Dantes Zahra, Steiger Katja*, Schunck Kathrin, Langston Steve, Lenhof H-P, Coluccio Andrea, Orben Felix, Slawska Jolanta, Scherger Anna, Saur Dieter*, Müller Stefan, Rad Roland*, Weichert Wilko*, Nilsson Jonas, Reichert Maximilian*, Schneider Günter*, Keller Ulrich*: *SUMO pathway inhibition targets an aggressive pancreatic cancer subtype*. **Gut** 2020, 69:1472-1482. **München, Berlin**_(19.819)
90. Bielak Lars, Wiedenmann Nicole*, Berlin Arnie, Nicolay Nils Henrik*, Gunashekar Deepa

- Darshini, Hägele Leonard, Lottner Thomas, Grosu Anca-Ligia*, Bock Michael*: *Convolutional neural networks for head and neck tumor segmentation on 7-channel multiparametric MRI: a leave-one-out analysis*. **Radiation oncology** 2020, 15:181. **Freiburg**
91. Bierbrauer Annika, Jacob Maureen, Vogler Meike, Fulda Simone*: *A direct comparison of selective BH3-mimetics reveals BCL-XL, BCL-2 and MCL-1 as promising therapeutic targets in neuroblastoma*. **British journal of cancer** 2020, 122:1544-1551. **Frankfurt/Mainz_(5.791)**
 92. Bilich Tatjana*, Nelde Annika*, Bauer Jens*, Walz Simon, Roerden Malte, Salih Helmut R*, Weisel Katja, Besemer Britta, Marcu Ana, Lübke Maren, Schuhmacher Juliane, Neidert Marian C, Rammensee Hans-Georg*, Stevanović Stefan*, Walz Juliane S*: *Mass spectrometry-based identification of a B-cell maturation antigen-derived T-cell epitope for antigen-specific immunotherapy of multiple myeloma*. **Blood cancer journal** 2020, 10:24. **Tübingen_(8.023)**
 93. Birzu Cristina, Peyre Matthieu, Sahm Felix*: *Molecular alterations in meningioma: prognostic and therapeutic perspectives*. **Current opinion in oncology** 2020, 32:613-622. **Heidelberg**
 94. Bitzer Michael, Ostermann Leonie, Horger Marius, Biskup Saskia, Schulze Martin, Ruhm Kristina, Hilke Franz, Öner Öznur, Nikolaou Konstantin, Schroeder Christopher, Riess Olaf, Fend Falko*, Zips Daniel*, Hinterleitner Martina, Zender Lars*, Tabatabai Ghazaleh*, Beha Janina, Malek Nisar P*: *Next-Generation Sequencing of Advanced GI Tumors Reveals Individual Treatment Options*. **JCO precision oncology** 2020, 4:258 - 271. **Tübingen**
 95. Bläker Hendrik, Haupt Saskia, Morak Monika, Holinski-Feder Elke, Arnold Alexander, Horst David, Sieber-Frank Julia*, Seidler Florian*, von Winterfeld Moritz, Alwers Elizabeth*, Chang-Claude Jenny*, Brenner Hermann*, Roth Wilfried, Engel Christoph, Löffler Markus, Möslin Gabriela, Schackert Hans-Konrad, Weitz Jürgen, Perne Claudia, Aretz Stefan, Hüneburg Robert, Schmiegel Wolff, Vangala Deepak, Rahner Nils, Steinke-Lange Verena, Heuveline Vincent, von Knebel Doeberitz Magnus*, Ahadova Aysel*, Hoffmeister Michael*, Kloor Matthias*, Cancer German Consortium for Familial Intestinal: *Age-dependent performance of BRAF mutation testing in Lynch syndrome diagnostics*. **International journal of cancer** 2020, 147:2801-2810. **Heidelberg_(5.145)**
 96. Blay Jean-Yves, Serrano César, Heinrich Michael C, Zalcborg John, Bauer Sebastian*, Gelderblom Hans, Schöffski Patrick, Jones Robin L, Attia Steven, D'Amato Gina, Chi Ping, Reichardt Peter, Meade Julie, Shi Kelvin, Ruiz-Soto Rodrigo, George Suzanne, von Mehren Margaret: *Ripretinib in patients with advanced gastrointestinal stromal tumours (INVICTUS): a double-blind, randomised, placebo-controlled, phase 3 trial*. **The lancet <London> / Oncology** 2020, 21:923 - 934. **Essen/Düsseldorf_(33.752)**
 97. Bleeke Matthias, Johann Pascal*, Gröbner Susanne*, Alten Julia, Cario Gunnar, Schäfer Hansjörg, Klapper Wolfram, Khoury Joseph, Pfister Stefan*, Müller Ingo: *Genome-wide analysis of acute leukemia and clonally related histiocytic sarcoma in a series of three pediatric patients*. **Pediatric blood & cancer** 2020, 67:e28074. **Heidelberg**
 98. Blottner Dieter, Hastermann Maria, Weber Robert, Lenz Regina, Gambaro Guido*, Limper Ulrich, Rittweger Jörn, Bosutti Alessandra, Degens Hans, Salanova Michele: *Reactive Jumps Preserve Skeletal Muscle Structure, Phenotype, and Myofiber Oxidative Capacity in Bed Rest*. **Frontiers in physiology** 2020, 10:1527. **Berlin**
 99. Blümel Edda, Munir Ahmad Shamaila, Nastasi Claudia, Willerslev-Olsen Andreas, Gluud Maria, Fredholm Simon, Hu Tengpeng, Surewaard Bas G J, Lindahl Lise M, Fogh Hanne, Koralov Sergei B, Rahbek Gjerdrum Lise Mette, Clark Rachael A, Iversen Lars, Krejsgaard Thorbjørn, Bonefeld

- Charlotte Menné, Geisler Carsten, Becker Jürgen*, Woetmann Anders, Andersen Mads Hald, Buus Terkild Brink, Ødum Niels: *Staphylococcus aureus alpha-toxin inhibits CD8+ T cell-mediated killing of cancer cells in cutaneous T-cell lymphoma*. **Oncolimmunology** 2020, 9:1751561 **Essen/Düsseldorf**_(5.869)
100. Blunk Inga, Thomsen Hauke*, Reinsch Norbert, Mayer Manfred, Försti Asta*, Sundquist Jan, Sundquist Kristina, Hemminki Kari*: *Genomic imprinting analyses identify maternal effects as a cause of phenotypic variability in type 1 diabetes and rheumatoid arthritis*. **Scientific reports** 2020, 10:11562. **Heidelberg**
101. Boakye Daniel*, Jansen Lina*, Schöttker Ben*, Jansen Eugene H. J. M., Schneider Martin, Halama Niels*, Gàò Xin*, Chang-Claude Jenny*, Hoffmeister Michael*, Brenner Hermann*: *Blood markers of oxidative stress are strongly associated with poorer prognosis in colorectal cancer patients*. **International journal of cancer** 2020, 147:2373 - 2386. **Heidelberg**_(5.145)
102. Boakye Daniel*, Walter Viola*, Jansen Lina*, Martens Uwe M, Chang-Claude Jenny*, Hoffmeister Michael*, Brenner Hermann*: *Magnitude of the Age-Advancement Effect of Comorbidities in Colorectal Cancer Prognosis*. **Journal of the National Comprehensive Cancer Network** 2020, 18:59 - 68. **Heidelberg**_(9.316)
103. Bochtler Tilmann*, Reiling Anna*, Endris Volker*, Hielscher Thomas*, Volckmar Anna-Lena, Neumann Olaf, Kirchner Martina, Budczies Jan, Heukamp Lukas C, Leichsenring Jonas, Allgäuer Michael, Kazdal Daniel, Löffler Harald*, Weichert Wilko*, Schirmacher Peter, Stenzinger Albrecht*, Krämer Alwin*: *Integrated clinico-molecular characterization identifies RAS activation and CDKN2A deletion as independent adverse prognostic factors in cancer of unknown primary*. **International journal of cancer** 2020, 146:3053-3064. **Heidelberg, München**_(5.145)
104. Bockmayr Teresa, Erdmann Gerrit, Treue Denise, Jurmeister Philipp*, Schneider Julia, Arndt Anja, Heim Daniel, Bockmayr Michael, Sachse Christoph, Klauschen Frederick*: *Multiclass cancer classification in fresh frozen and formalin-fixed paraffin-embedded tissue by DigiWest multiplex protein analysis*. **Laboratory investigation** 2020, 100:1288-1299. **Berlin**
105. Bodensohn R., Hadi I., Fleischmann D. F.*, Corradini S., Thon N., Rauch Julian, Belka C., Niyazi M.*: *Bevacizumab as a treatment option for radiation necrosis after cranial radiation therapy: a retrospective monocentric analysis*. **Strahlentherapie und Onkologie** 2020, 196:70-76. **München**
106. Boedicker Cathinka*, Hussong Michelle, Grimm Christina, Dolgikh Nadezda, Meister Michael*, Enßle Julius C, Wanior Marek, Knapp Stefan*, Schweiger Michal R, Fulda Simone*: *Co-inhibition of BET proteins and PI3Kα triggers mitochondrial apoptosis in rhabdomyosarcoma cells*. **Oncogene** 2020, 39:3837-3852. **Frankfurt/Mainz**_(7.971)
107. Boekstegers Felix, Marcelain Katherine, Barahona Ponce Carol, Baez Benavides Pablo F, Müller Bettina, de Toro Gonzalo, Retamales Javier, Barajas Olga, Ahumada Monica, Morales Erik, Rojas Armando, Sanhueza Verónica, Loader Denisse, Rivera María Teresa, Gutiérrez Lorena, Bernal Giuliano, Ortega Alejandro, Montalvo Domingo, Portiño Sergio, Bertrán Maria Enriqueta, Gabler Fernando, Spencer Loreto, Olloquequi Jordi, González Silos Rosa, Fischer Christine, Scherer Dominique, Jenab Mazda, Aleksandrova Krasimira, Katzke Verena*, Weiderpass Elisabete, Moradi Tahereh, Fischer Krista, Bossers Willem, Brenner Hermann*, Hveem Kristian, Eklund Niina, Völker Uwe, Waldenberger Melanie, Fuentes Guajardo Macarena, Gonzalez-Jose Rolando, Bedoya Gabriel, Bortolini Maria C, Canizales Samuel, Gallo Carla, Ruiz Linares Andres, Rothhammer Francisco, Lorenzo Bermejo Justo: *ABCB1/4 gallbladder cancer risk variants*

- identified in India also show strong effects in Chileans. **Cancer epidemiology** 2020, 65:101643 **Heidelberg**
108. Bojceviski Jovana*, Stojic Aleksandar*, Hoffmann Dorit B, Williams Sarah K*, Müller Andreas, Diem Ricarda*, Fairless Richard*: *Influence of retinal NMDA receptor activity during autoimmune optic neuritis*. **Journal of neurochemistry** 2020, 153:693-709. **Heidelberg**
 109. Böll Boris, Subklewe Marion*, von Bergwelt-Baildon Michael*: *Ten things the hematologist wants you to know about CAR-T cells*. **Intensive care medicine** 2020, 46:1243-1245. **München**_(17.679)
 110. Bolm Louisa, Mueller Katharina, May Katharina, Sondermann Stefan, Petrova Ekaterina, Lapshyn Hryhoriy, Honselmann Kim Christin, Bausch Dirk, Zemskov Sergii, Bronsert Peter*, Keck Tobias, Deichmann Steffen, Wellner Ulrich F: *Systematic Analysis of Accuracy in Predicting Complete Oncological Resection in Pancreatic Cancer Patients-Proposal of a New Simplified Borderline Resectability Definition*. **Cancers** 2020, 12:882 -. **Freiburg**_(6.126)
 111. Bonomo Pierluigi, Lo Russo Monica, Nachbar Marcel, Boeke Simon, Gatidis Sergios, Zips Daniel, Thorwarth Daniela*, Gani Cihan*: *1.5 T MR-linac planning study to compare two different strategies of rectal boost irradiation*. **Clinical and translational radiation oncology** 2020, 26:86 - 91. **Tübingen**
 112. Borchert Sabrina*, Suckrau Pia-Maria, Walter Robert F H*, Wessolly Michael*, Mairinger Elena*, Steinborn Julia*, Hegedus Balazs, Hager Thomas*, Herold Thomas*, Eberhardt Wilfried E E, Wohlschlaeger Jeremias, Aigner Clemens, Bankfalvi Agnes*, Schmid Kurt Werner*, Mairinger Fabian*: *Impact of metallothionein-knockdown on cisplatin resistance in malignant pleural mesothelioma*. **Scientific reports** 2020, 10:18677. **Essen/Düsseldorf**
 113. Borges Nuno M, Kabanova Anna, Scherer Florian*: *Change is Coming: Plan S From the Early Career Scientist Perspective*. **HemaSphere** 2020, 4:e500 **Freiburg**
 114. Borkowetz Angelika*, Lohse-Fischer Andrea, Scholze Jana, Lotzkat Ulrike, Thomas Christian*, Wirth Manfred P, Fuessel Susanne*, Erdmann Kati*: *Evaluation of MicroRNAs as Non-Invasive Diagnostic Markers in Urinary Cells from Patients with Suspected Prostate Cancer*. **Diagnostics** 2020, 10:E578. **Dresden**
 115. Borm Kai Joachim, Oechsner Markus, Düsberg Mathias, Buschner Gabriel, Weber Wolfgang, Combs Stephanie Elisabeth*, Duma Marciana-Nona: *Irradiation of regional lymph node areas in breast cancer - Dose evaluation according to the Z0011, AMAROS, EORTC 10981-22023 and MA-20 field design*. **Radiotherapy and oncology** 2020, 142:195-201. **München**
 116. Borm Kai J, Oechsner Markus, Düsberg Mathias, Buschner Gabriel, Wolfgang Weber, Combs Stephanie E*, Duma Marciana N: *Effect of hypofractionation on the incidental axilla dose during tangential field radiotherapy in breast cancer*. **Strahlentherapie und Onkologie** 2020, 196:771-778. **München**
 117. Borm Kai J, Schiller Kilian, Asadpour Rebecca, Combs Stephanie E*: *Complementary and Alternative Medicine in Radiotherapy: A Comprehensive Review*. **Topics in magnetic resonance imaging** 2020, 29:149 - 156. **München**
 118. Borm Kai Joachim, Simonetto Cristoforo, Kundrať Pavel, Eidemüller Markus, Oechsner Markus, Düsberg Mathias, Combs Stephanie Elisabeth*: *Toxicity of internal mammary irradiation in breast cancer. Are concerns still justified in times of modern treatment techniques?* **Acta oncologica** 2020, 59:1201-1209. **München**

119. Braczynski Anne K, Capper David*, Jones David T W*, Schittenhelm Jens, Stichel Damian*, von Deimling Andreas*, Harter Patrick*, Mittelbronn Michel: *High density DNA methylation array is a reliable alternative for PCR-based analysis of the MGMT promoter methylation status in glioblastoma*. **Pathology, research and practice** 2020, 216:152728. **Dresden**
120. Braczynski Anne K, Gfroerer Stefan, Beschorner Rudi, Harter Patrick*, Baumgarten Peter, Rolle Udo, Mittelbronn Michel: *Cholinergic innervation and ganglion cell distribution in Hirschsprung's disease*. **BMC pediatrics** 2020, 20:399. **Frankfurt/Mainz**
121. Brand Frank, Förster Alisa, Christians Anne, Bucher Martin, Thomé Carina M*, Raab Marc S*, Westphal Manfred, Pietsch Torsten, von Deimling Andreas*, Reifenberger Guido*, Claus Peter, Hentschel Bettina, Weller Michael, Weber Ruthild G: *FOCAD loss impacts microtubule assembly, G2/M progression and patient survival in astrocytic gliomas*. **Acta neuropathologica** 2020, 139:175-192. **Essen/Düsseldorf_(14.256)**
122. Brandão Andreia, Paulo Paula, Maia Sofia, Pinheiro Manuela, Peixoto Ana, Cardoso Marta, Silva Maria P, Santos Catarina, Eeles Rosalind A, Kote-Jarai Zsofia, Muir Kenneth, Collaborators Ukgpcs, Schleutker Johanna, Wang Ying, Pashayan Nora, Batra Jyotsna, BioResource Apcb, Grönberg Henrik, Neal David E, Nordestgaard Børge G, Tangen Catherine M, Southey Melissa C, Wolk Alicja, Albanes Demetrius, Haiman Christopher A, Travis Ruth C, Stanford Janet L, Mucci Lorelei A, West Catharine M L, Nielsen Sune F, Kibel Adam S, Cussenot Olivier, Berndt Sonja I, Koutros Stella, Sørensen Karina Dalsgaard, Cybulski Cezary, Grindedal Eli Marie, Park Jong Y, Ingles Sue A, Maier Christiane, Hamilton Robert J, Rosenstein Barry S, Vega Ana, Collaborators The Impact Study Steering Committee And, Kogevinas Manolis, Wiklund Fredrik, Penney Kathryn L, Brenner Hermann*, John Esther M, Kaneva Radka, Logothetis Christopher J, Neuhausen Susan L, Ruyck Kim De, Razack Azad, Newcomb Lisa F, Investigators Canary Pass, Lessel Davor, Usmani Nawaid, Claessens Frank, Gago-Dominguez Manuela, Townsend Paul A, Roobol Monique J, Committee The Profile Study Steering, Consortium The Practical, Teixeira Manuel R: *The CHEK2 Variant C.349A>G Is Associated with Prostate Cancer Risk and Carriers Share a Common Ancestor*. **Cancers** 2020, 12:3254. **Heidelberg_(6.126)**
123. Brat Daniel J, Aldape Kenneth, Colman Howard, Figarella-Branger Dominique, Fuller Gregory N, Giannini Caterina, Holland Eric C, Jenkins Robert B, Kleinschmidt-DeMasters Bette, Komori Takashi, Kros Johan M, Louis David N, McLean Catriona, Perry Arie, Reifenberger Guido*, Sarkar Chitra, Stupp Roger, van den Bent Martin J, von Deimling Andreas*, Weller Michael: *cIMPACT-NOW update 5: recommended grading criteria and terminologies for IDH-mutant astrocytomas*. **Acta neuropathologica** 2020, 139:603-608. **Essen/Düsseldorf_(14.256)**
124. Brauchle Bettina, Goldstein Rebecca L, Karbowski Christine M, Henn Anja, Li Chi-Ming, Bücklein Veit L, Krupka Christina, Boyle Michael C, Koppikar Priya, Haubner Sascha, Wahl Joachim, Dahlhoff Christoph, Raum Tobias, Rardin Matthew J, Sastri Christine, Rock Dan A, von Bergwelt-Baildon Michael*, Frank Brendon, Metzeler Klaus H*, Case Ryan, Friedrich Matthias, Balazs Mercedesz, Spiekermann Karsten*, Coxon Angela, Subklewe Marion*, Arvedson Tara: *Characterization of a Novel FLT3 BiTE Molecule for the Treatment of Acute Myeloid Leukemia*. **Molecular cancer therapeutics** 2020, 19:1875 - 1888. **München_(5.615)**
125. Braun L. H., Reinert C. P., Zips D.*, Nikolaou K., Pfannenberger C., Gani C.*: *Treatment outcome after radiochemotherapy in anal cancer patients staged with 18F-FDG-PET-CT*. **Clinical and translational radiation oncology** 2020, 24:83 - 87. **Tübingen**
126. Braun Lukas M, Lagies Simon, Klar Rhena F U, Hussung Saskia*, Fritsch Ralph M*, Kammerer Bernd, Wittel Uwe A: *Metabolic Profiling of Early and Late Recurrent Pancreatic Ductal*

- Adenocarcinoma Using Patient-Derived Organoid Cultures. Cancers* 2020, 12:1440
Freiburg_(6.126)
127. Braun Lukas M, Zeiser Robert*: *Immunotherapy in Myeloproliferative Diseases. Cells* 2020, 9:E1559. **Freiburg**
 128. Bräutigam Konstantin, Lindner Judith*, Budczies Jan, Pahl Stefan, Kunitz Annegret, Melcher Ingo, Wust Peter, Nebrig Maxim, Baur Alexander, Denkert Carsten, Pfitzner Berit: *PARP-1 expression as a prognostic factor in Desmoid-type fibromatosis. Annals of diagnostic pathology* 2020, 44:151442 **Berlin**
 129. Bremer Juliane, Kottke Raimund, Johann Pascal D*, von Hoff Katja, Brazzola Pierluigi, Grotzer Michael A, Kool Marcel*, Rushing Elisabeth, Gerber Nicolas U: *A single supratentorial high-grade neuroepithelial tumor with two distinct BCOR mutations, exceptionally long complete remission and survival. Pediatric blood & cancer* 2020, 67:e28384. **Heidelberg**
 130. Brendle Cornelia, Stefan Norbert, Grams Eva, Soekler Martin, la Fougère Christian*, Pfannenberger Christina: *Determinants of activity of brown adipose tissue in lymphoma patients. Scientific reports* 2020, 10:21802. **Tübingen**
 131. Brenner Ellen, Schörg Barbara F, Ahmetlić Fatima, Wieder Thomas, Hilke Franz Joachim, Simon Nadine, Schroeder Christopher, Demidov German, Riedel Tanja, Fehrenbacher Birgit, Schaller Martin, Forschner Andrea, Eigentler Thomas, Niessner Heike, Sinnberg Tobias, Böhm Katharina S, Hömberg Nadine, Braumüller Heidi, Dauch Daniel*, Zwirner Stefan, Zender Lars*, Sonanini Dominik, Geishauser Albert, Bauer Jürgen, Eichner Martin, Jarick Katja J, Beilhack Andreas, Biskup Saskia, Döcker Dennis, Schadendorf Dirk*, Quintanilla-Martinez Leticia, Pichler Bernd J*, Kneilling Manfred, Mocikat Ralph, Röcken Martin*: *Cancer immune control needs senescence induction by interferon-dependent cell cycle regulator pathways in tumours. Nature Communications* 2020, 11:1335. **Tübingen_(12.121)**
 132. Brenner Hermann*, Holleczer Bernd*, Schöttker Ben*: *Vitamin D Insufficiency and Deficiency and Mortality from Respiratory Diseases in a Cohort of Older Adults: Potential for Limiting the Death Toll during and beyond the COVID-19 Pandemic? Nutrients* 2020, 12:2488. **C070, C120, Heidelberg**
 133. Brenner Hermann*, Krilaviciute Agne*: *Commonly Applied Selection Criteria for Lung Cancer Screening May Have Strongly Varying Diagnostic Performance in Different Countries. Cancers* 2020, 12:3012. **Heidelberg_(6.126)**
 134. Bresnahan Erin, Ramadori Pierluigi*, Heikenwalder Mathias*, Zender Lars*, Lujambio Amaia: *Novel patient-derived preclinical models of liver cancer. Journal of hepatology* 2020, 72:239 - 249. **Tübingen_(20.582)**
 135. Brix N., Dunn L., Seiwert T., Belka C.*, Lauber K.*: *[Immunotherapy in head and neck squamous cell carcinoma : Abscopal effects in combination with radiotherapy, extraordinary responses in combination with chemotherapy, and pseudoprogression]. Der Internist* 2020, 61:682 - 689. **München**
 136. Brix Nikko, Samaga Daniel, Hennel Roman, Gehr Katharina, Zitzelsberger Horst, Lauber Kirsten*: *The clonogenic assay: robustness of plating efficiency-based analysis is strongly compromised by cellular cooperation. Radiation oncology* 2020, 15:248. **München**
 137. Brombacher Eva*, Schad Ariane, Kreutz Clemens: *Tail-Robust Quantile Normalization. Proteomics* 2020, 20:e2000068. **Freiburg**

138. Bronsert Peter*, von Schoenfeld Anna, Villacorta Hidalgo Jose, Kraft Stefan, Pfeiffer Jens, Erbes Thalia*, Werner Martin*, Seidl Maximilian: *High Numbers and Densities of PD1+ T-Follicular Helper Cells in Triple-Negative Breast Cancer Draining Lymph Nodes Are Associated with Lower Survival*. **International journal of molecular sciences** 2020, 21:5948 -. **Freiburg**
139. Brown Anna L, Arts Peer, Carmichael Catherine L, Babic Milena, Dobbins Julia, Chong Chan-Eng, Schreiber Andreas W, Feng Jinghua, Phillips Kerry, Wang Paul P S, Ha Thuong, Homan Claire C, King-Smith Sarah L, Rawlings Lesley, Vakulin Cassandra, Dubowsky Andrew, Burdett Jessica, Moore Sarah, McKavanagh Grace, Henry Denae, Wells Amanda, Mercorella Belinda, Nicola Mario, Suttle Jeffrey, Wilkins Ella, Li Xiao-Chun, Michaud Joelle, Brautigan Peter, Cannon Ping, Aintree Meryl, Jaensch Louise, Fine Miriam, Butcher Carolyn, D'Andrea Richard J, Lewis Ian D, Hiwase Devendra K, Papaemmanuil Elli, Horwitz Marshall S, Natsoulis Georges, Rienhoff Hugh Y, Patton Nigel, Mapp Sally, Susman Rachel, Morgan Susan, Cooney Julian, Currie Mark, Popat Uday, Bochtler Tilmann*, Izraeli Shai, Bradstock Kenneth, Godley Lucy A, Krämer Alwin*, Fröhling Stefan*, Wei Andrew H, Forsyth Cecily, } and., Mar Fan Helen, Poplawski Nicola K, Hahn Christopher N, Scott Hamish S: *RUNX1-mutated families show phenotype heterogeneity and a somatic mutation profile unique to germline predisposed AML*. **Blood advances** 2020, 4:1131 - 1144. **Heidelberg**
140. Bruckmann Nils Martin, Sawicki Lino M, Kirchner Julian, Martin Ole, Umutlu Lale, Herrmann Ken, Fendler Wolfgang, Bittner Ann-Kathrin, Hoffmann Oliver, Mohrmann Svjetlana, Dietzel Frederic, Ingenwerth Marc*, Schaarschmidt Benedikt M, Li Yan, Kowall Bernd, Stang Andreas, Antoch Gerald, Buchbender Christian: *Prospective evaluation of whole-body MRI and 18F-FDG PET/MRI in N and M staging of primary breast cancer patients*. **European journal of nuclear medicine and molecular imaging** 2020, 47:2816-2825. **Essen/Düsseldorf_(7.081)**
141. Brugnara Gianluca, Isensee Fabian*, Neuberger Ulf, Bonekamp David*, Petersen Jens*, Diem Ricarda, Wildemann Brigitte, Heiland Sabine, Wick Wolfgang*, Bendszus Martin, Maier-Hein Klaus*, Kickingeder Philipp: *Automated volumetric assessment with artificial neural networks might enable a more accurate assessment of disease burden in patients with multiple sclerosis*. **European radiology** 2020, 30:2356-2364 **Heidelberg**
142. Brummer Tilman*, McInnes Campbell: *RAF kinase dimerization: implications for drug discovery and clinical outcomes*. **Oncogene** 2020, 39:4155-4169. **Freiburg_(7.971)**
143. Bucher Philip, Erdmann Tabea, Grondona Paula, Xu Wendan, Schmitt Anja, Schürch Christoph, Zapukhlyak Myroslav, Schönfeld Caroline, Serfling Edgar, Kramer Daniela, Grau Michael, Klener Pavel, Lengerke Claudia, Schulze-Osthoff Klaus*, Lenz Georg, Hailfinger Stephan: *Targeting chronic NFAT activation with calcineurin inhibitors in diffuse large B-cell lymphoma*. **Blood** 2020, 135:121 - 132. **Tübingen_(17.543)**
144. Budczies Jan*, Kazdal Daniel, Allgäuer Michael, Christopoulos Petros, Rempel Eugen, Pfarr Nicole, Weichert Wilko, Fröhling Stefan*, Thomas Michael, Peters Solange, Endris Volker, Schirmacher Peter*, Stenzinger Albrecht*: *Quantifying potential confounders of panel-based tumor mutational burden (TMB) measurement*. **Lung cancer** 2020, 142:114 - 119. **Heidelberg**
145. Budczies Jan*, Kluck Klaus, Walther Wolfgang*, Stein Ulrike*: *Decoding and targeting the molecular basis of MACC1-driven metastatic spread: Lessons from big data mining and clinical-experimental approaches*. **Seminars in cancer biology** 2020, 60:365-379. **Heidelberg, Berlin_(11.090)**
146. Buechner Philipp, Hinderer Marc, Unberath Philipp, Metzger Patrick, Boeker Martin, Acker Till,

- Haller Florian, Mack Elisabeth, Nowak Daniel, Paret Claudia, Schanze Denny, von Bubnoff Nikolas*, Wagner Sebastian, Busch Hauke, Boerries Melanie*, Christoph Jan: *Requirements Analysis and Specification for a Molecular Tumor Board Platform Based on cBioPortal*. **Diagnostics** 2020, 10:E93 **Freiburg**
147. Burg Jan Michael, Horst Felix, Wulff Jörg, Timmermann Beate*, Vorwerk Hilke, Zink Klemens: *Optical range determination of clinical proton beams in water. A comparison with standard measurement methods*. **Physica medica** 2020, 73:197 - 203. **Essen/Düsseldorf**
 148. Busse Antonia*, Mochmann Liliana H, Spenke Christiane, Arsenic Ruza, Briest Franziska, Jöhrens Korinna, Lammert Hedwig, Sipos Bence, Kühl Anja A, Wirtz Ralph, Pavel Marianne, Hummel Michael, Kaemmerer Daniel, Baum Richard P, Grabowski Patricia: *Immunoprofiling in Neuroendocrine Neoplasms Unveil Immunosuppressive Microenvironment*. **Cancers** 2020, 12:3448 **Berlin**_(6.126)
 149. Bütof Rebecca*, Löck Steffen*, Soliman Maher, Haase Robert, Perrin Rosalind, Richter Christian*, Appold Steffen*, Krause Mechthild*, Baumann Michael*: *Dose-volume predictors of early esophageal toxicity in non-small cell lung cancer patients treated with accelerated-hyperfractionated radiotherapy*. **Radiotherapy and oncology** 2020, 143:44-50. **Dresden**
 150. Cai Linzhi, Kirchleitner Sabrina V, Zhao Dongxu, Li Min, Tonn Jörg-Christian, Glass Rainer*, Kälin Roland E: *Glioblastoma Exhibits Inter-Individual Heterogeneity of TSPO and LAT1 Expression in Neoplastic and Parenchymal Cells*. **International journal of molecular sciences** 2020, 21:612. **München**
 151. Calandrini Camilla, Schutgens Frans, Oka Rurika, Margaritis Thanasis, Candelli Tito, Mathijsen Luka, Ammerlaan Carola, van Ineveld Ravian L, Derakhshan Sepide, de Haan Sanne, Dolman Emmy, Lijnzaad Philip, Custers Lars, Begthel Harry, Kerstens Hindrik H D, Visser Lindy L, Rookmaaker Maarten, Verhaar Marianne, Tytgat Godelieve A M, Kemmeren Patrick, de Krijger Ronald R, Al-Saadi Reem, Pritchard-Jones Kathy, Kool Marcel*, Rios Anne C, van den Heuvel-Eibrink Marry M, Molenaar Jan J, van Boxtel Ruben, Holstege Frank C P, Clevers Hans, Drost Jarno: *An organoid biobank for childhood kidney cancers that captures disease and tissue heterogeneity*. **Nature Communications** 2020, 11:1310. **Heidelberg**_(12.121)
 152. Campa Daniele, Gentiluomo Manuel, Obazee Ofure Mary Ann*, Ballerini Alba, Vodickova Ludmila, Hegyi Péter, Soucek Pavel, Brenner Hermann*, Milanetto Anna Caterina, Landi Stefano, Gao Xin, Bozzato Dania, Capurso Gabriele, Tavano Francesca, Vashist Yogesh, Hackert Thilo, Bambi Franco, Bursi Simona, Oliverius Martin, Gioffreda Domenica, Schöttker Ben*, Ivanauskas Audrius, Mohelnikova-Duchonova Beatrice, Darvasi Erika, Pezzilli Raffaele, Matecka-Panas Ewa, Strobel Oliver, Gazouli Maria, Katzke Verena*, Szentesi Andrea, Cavestro Giulia Martina, Farkas Gyula, Izbickei Jakob R, Moz Stefania, Archibugi Livia, Hlavac Viktor, Vincze Áron, Talar-Wojnarowska Renata, Rusev Borislav, Kupcinskis Juozas, Greenhalf Bill, Dijk Frederike, Giese Nathalia, Boggi Ugo, Andriulli Angelo, Busch Olivier R, Vanella Giuseppe, Vodicka Pavel, Nentwich Michael, Lawlor Rita T, Theodoropoulos George E, Jamrozik Krzysztof, Zuppardo Raffaella Alessia, Moletta Lucia, Ginocchi Laura, Kaaks Rudolf*, Neoptolemos John P, Lucchesi Maurizio, Canzian Federico*: *Genome-wide association study identifies an early onset pancreatic cancer risk locus*. **International journal of cancer** 2020, 147:2065-2074. **Heidelberg**_(5.145)
 153. Candelario Kate M, Balaj Leonora, Zheng Tong, Skog Johan, Scheffler Bjorn*, Breakefield Xandra, Schüle Birgitt, Steindler Dennis A: *Exosome/microvesicle content is altered in leucine-rich repeat kinase 2 mutant induced pluripotent stem cell-derived neural cells*. **The journal of comparative neurology** 2020, 528:1203-1215. **Essen/Düsseldorf**

154. Capponi Simona*, Stöffler Nadja*, Irimia Manuel, Van Schaik Frederik M A, Ondik Mercedes M, Biniossek Martin L, Lehmann Lisa, Mitschke Julia, Vermunt Marit W, Creyghton Menno P, Graybiel Ann M, Reinheckel Thomas*, Schilling Oliver, Blencowe Benjamin J, Crittenden Jill R, Timmers Hermanus Theodorus Marcus*: *Neuronal-specific microexon splicing of TAF1 mRNA is directly regulated by SRRM4/nSR100*. **RNA biology** 2020, 17:62-74. **Freiburg_(5.350)**
155. Caramanna Ivan, Bottomley Andrew, Drijver A Josephine, Twisk Jos, van den Bent Martin, Idbaih Ahmed, Wick Wolfgang*, Pe Madeline, Klein Martin, Reijneveld Jaap C, Group EORTC Quality of Life Group and Brain Tumour: *Objective neurocognitive functioning and neurocognitive complaints in patients with high-grade glioma: Evidence of cognitive awareness from the European Organisation for Research and Treatment of Cancer brain tumour clinical trials*. **European journal of cancer** 2020, 144:162 - 168. **Heidelberg_(7.275)**
156. Cardoso Rafael*, Guo Feng*, Heisser Thomas*, Hoffmeister Michael*, Brenner Hermann*: *Utilisation of Colorectal Cancer Screening Tests in European Countries by Type of Screening Offer: Results from the European Health Interview Survey*. **Cancers** 2020, 12:1409. **Heidelberg_(6.126)**
157. Carr Prudence*, Amitay Efrat L*, Jansen Lina*, Alwers Elizabeth*, Roth Wilfried, Herpel Esther, Kloor Matthias, Schneider Martin, Bläker Hendrik, Chang-Claude Jenny*, Brenner Hermann*, Hoffmeister Michael*: *Association of BMI and major molecular pathological markers of colorectal cancer in men and women*. **The American journal of clinical nutrition** 2020, 111:562-569. **Heidelberg_(6.766)**
158. Carr Prudence*, Weigl Korbinian*, Edelmann Dominic*, Jansen Lina*, Chang-Claude Jenny*, Brenner Hermann*, Hoffmeister Michael*: *Estimation of Absolute Risk of Colorectal Cancer Based on Healthy Lifestyle, Genetic Risk, and Colonoscopy Status in a Population-based Study*. **Gastroenterology** 2020, 159:129-138.e129. **Heidelberg_(17.373)**
159. Cassetta Luca, Bruderek Kirsten, Skrzeczynska-Moncznik Joanna, Osiecka Oktawia, Hu Xiaoying*, Rundgren Ida Marie, Lin Ang, Santegoets Kim, Horzum Utku, Godinho-Santos Ana, Zelinskyy Gennadiy, Garcia-Tellez Thalia, Bjelica Sunčica, Taciak Bartłomiej, Kittang Astrid Olsnes, Höing Benedikt, Lang Stephan, Dixon Michael, Müller Verena*, Utikal Jochen Sven*, Karakoç Derya, Yilmaz Kerim Bora, Górka Emilia, Bodnar Lubomir, Anastasiou Olympia Evdoxia, Bourgeois Christine, Badura Robert, Kapinska-Mrowiecka Monika, Gotic Mirjana, Ter Laan Mark, Kers-Rebel Esther, Król Magdalena, Santibañez Juan Francisco, Müller-Trutwin Michaela, Dittmer Ulf, de Sousa Ana Espada, Esendağlı Güneş, Adema Gosse, Loré Karin, Ersvær Elisabeth, Umansky Viktor*, Pollard Jeffrey W, Cichy Joanna, Brandau Sven*: *Differential expansion of circulating human MDSC subsets in patients with cancer, infection and inflammation*. **Journal for ImmunoTherapy of Cancer** 2020, 8:e001223 -. **Essen/Düsseldorf_(9.913)**
160. Castel David, Kergrohen Thomas, Tauziède-Espariat Arnault, Mackay Alan, Ghermaoui Samia, Lechapt Emmanuèle, Pfister Stefan M*, Kramm Christof M, Boddaert Nathalie, Blauwblomme Thomas, Puget Stéphanie, Beccaria Kévin, Jones Chris, Jones David T W*, Varlet Pascale, Grill Jacques, Debily Marie-Anne: *Histone H3 wild-type DIPG/DMG overexpressing EZHIP extend the spectrum diffuse midline gliomas with PRC2 inhibition beyond H3-K27M mutation*. **Acta neuropathologica** 2020, 139:1109-1113. **Heidelberg_(14.256)**
161. Catalano Calogerina*, da Silva Filho Miguel Inacio*, Frank Christoph*, Lu Shun, Jiraskova Katerina, Vymetalkova Veronika, Levy Miroslav, Liska Vaclav, Vycital Ondrej, Naccarati Alessio, Vodickova Ludmila, Hemminki Kari*, Vodicka Pavel, Weber Alexander N R, Försti Asta*: *Epistatic effect of TLR3 and cGAS-STING-IKKe-TBK1-IFN signaling variants on colorectal cancer risk*. **Cancer medicine** 2020, 9:1473-1484. **Heidelberg**

162. Caudron-Herger Maiwen*, Wassmer Elsa*, Nasa Isha, Schultz Astrid-Solveig*, Seiler Jeanette*, Kettenbach Arminja N, Diederichs Sven*: *Identification, quantification and bioinformatic analysis of RNA-dependent proteins by RNase treatment and density gradient ultracentrifugation using R-DeeP*. **Nature protocols** 2020, 15:1338-1370. **Freiburg_(10.419)**
163. Causer T. J., Schellhammer S. M., Gantz S., Lühr A.*, Hoffmann A. L., Metcalfe P. E., Rosenfeld A. B., Guatelli S., Petasecca M., Oborn B. M.: *First application of a high-resolution silicon detector for proton beam Bragg peak detection in a 0.95 T magnetic field*. **Med Phys** 2020, 47:181-189. **Dresden**
164. Chattopadhyay Subhayan*, Thomsen Hauke, Weinhold Niels, Meziane Iman, Huhn Stefanie, da Silva Filho Miguel Inacio, Vodicka Pavel, Vodickova Ludmila, Hoffmann Per, Nöthen Markus M, Jöckel Karl-Heinz, Schmidt Börge, Landi Stefano, Hajek Roman, Hallmans Göran, Pettersson-Kymmer Ulrika, Ohlsson Claes, Milani Paolo, Merlini Giampaolo, Rowcien Dorota, Hawkins Philip, Hegenbart Ute, Palladini Giovanni, Wechalekar Ashutosh, Schönland Stefan O, Houlston Richard, Goldschmidt Hartmut, Hemminki Kari*, Försti Asta*: *Eight novel loci implicate shared genetic etiology in multiple myeloma, AL amyloidosis, and monoclonal gammopathy of unknown significance*. **Leukemia** 2020, 34:1187-1191. **Heidelberg_(8.665)**
165. Chattopadhyay Subhayan*, Zheng G.*, Hemminki A.*, Försti A.*, Sundquist K., Sundquist J., Hemminki Kari*: *Influence of family history on risk of second primary cancers and survival in squamous cell skin cancer patients*. **British journal of dermatology** 2020, 183:488-494. **Heidelberg_(7.000)**
166. Chauvistre Heike*, Seré Kristin: *Epigenetic aspects of DC development and differentiation*. **Molecular immunology** 2020, 128:116 - 124. **Essen/Düsseldorf**
167. Chen Chen, Neumann Jens*, Kühn Florian, Lee Serene M L, Drefs Moritz, Andrassy Joachim, Werner Jens*, Bazhin Alexandr V*, Schiergens Tobias S*: *Establishment of an Endoscopy-Guided Minimally Invasive Orthotopic Mouse Model of Colorectal Cancer*. **Cancers** 2020, 12:3007. **München_(6.126)**
168. Chen Chen*, Stock Christian*, Hoffmeister Michael*, Brenner Hermann*: *Self-Reported Lower Gastrointestinal Endoscopy Use and Changes in Colorectal Cancer Mortality Rates in European Countries*. **Clinical and translational gastroenterology** 2020, 11:e00243 **Heidelberg**
169. Chen Hongda, Lu Ming, Liu Chengcheng, Zou Shuangmei, Du Lingbin, Liao Xianzhen, Dong Dong, Wei Donghua, Gao Yi, Zhu Chen, Zhu Liming, Zheng Weifang, Xiao Haifan, Kong Yunxin, Yin Huiping, Zhou Hai, Ying Rongbiao, Wang Baoquan, Zhang Juan, Zhang Xiaopeng, Zhang Qiang, Zhang Xuan, Zhang Yuhang, Wang Hong, Guo Lanwei, Liu Li, Ren Jiansong, Shi Jufang, Li Ni, Miao Xiaoping, Brenner Hermann*, Dai Min: *Comparative Evaluation of Participation and Diagnostic Yield of Colonoscopy vs Fecal Immunochemical Test vs Risk-Adapted Screening in Colorectal Cancer Screening: Interim Analysis of a Multicenter Randomized Controlled Trial (TARGET-C)*. **The American journal of gastroenterology** 2020, 115:1264-1274. **Heidelberg_(10.171)**
170. Chen I-Peng, Bender Marc, Spassova Ivelina*, Henning Stefan, Kubat Linda*, Fan Kaiji*, Degenhardt Sarah, Mhamdi-Ghodbani Mouna, Sriram Ashwin*, Volkmer Beate, Boukamp Petra*, Becker Jürgen C*, Greinert Rüdiger: *UV-type specific alteration of miRNA expression and its association with tumor progression and metastasis in SCC cell lines*. **Journal of cancer research and clinical oncology** 2020, 146:3215-3231. **Essen/Düsseldorf**
171. Chen Sophia, Zeiser Robert*: *Novel Biomarkers for Outcome After Allogeneic Hematopoietic Stem Cell Transplantation*. **Frontiers in immunology** 2020, 11:1854. **Freiburg_(5.085)**

172. Chen Xin, Chen Xinyang, Steimbach Raphael R*, Wu Tong, Li Hongmei, Dan Wenjia, Shi Peidong, Cao Chenyu, Li Ding, Miller Aubry K*, Qiu Zhixia, Gao Jinming, Zhu Yong: *Novel 2, 5-diketopiperazine derivatives as potent selective histone deacetylase 6 inhibitors: Rational design, synthesis and antiproliferative activity*. **European journal of medicinal chemistry** 2020, 187:111950. **Heidelberg_(5.572)**
173. Cheng Hanyin, Capponi Simona*, Wakeling Emma, Marchi Elaine, Li Quan, Zhao Mengge, Weng Chunhua, Stefan Piatek G, Ahlfors Helena, Kleyner Robert, Rope Alan, Lumaka Aimé, Lukusa Prosper, Devriendt Koenraad, Vermeesch Joris, Posey Jennifer E, Palmer Elizabeth E, Murray Lucinda, Leon Eyby, Diaz Jullianne, Worgan Lisa, Mallawaarachchi Amalia, Vogt Julie, de Munnik Sonja A, Dreyer Lauren, Baynam Gareth, Ewans Lisa, Stark Zornitza, Lunke Sebastian, Gonçalves Ana R, Soares Gabriela, Oliveira Jorge, Fassi Emily, Willing Marcia, Waugh Jeff L, Faivre Laurence, Riviere Jean-Baptiste, Moutton Sebastien, Mohammed Shehla, Payne Katelyn, Walsh Laurence, Begtrup Amber, Guillen Sacoto Maria J, Douglas Ganka, Alexander Nora, Buckley Michael F, Mark Paul R, Adès Lesley C, Sandaradura Sarah A, Lupski James R, Roscioli Tony, Agrawal Pankaj B, Kline Antonie D, Study Deciphering Developmental Disorders, Wang Kai, Timmers H T Marc*, Lyon Gholson J: *Missense variants in TAF1 and developmental phenotypes: challenges of determining pathogenicity*. **Human mutation** 2019, nn:humu.23936. **Freiburg**
174. Choi Jaewoo, Phelan James D, Wright George W, Häupl Björn*, Huang Da Wei, Shaffer Arthur L, Young Ryan M, Wang Zhuo, Zhao Hong, Yu Xin, Oellerich Thomas*, Staudt Louis M: *Regulation of B cell receptor-dependent NF- κ B signaling by the tumor suppressor KLHL14*. **Proceedings of the National Academy of Sciences of the United States of America** 2020, 117:6092-6102. **Frankfurt/Mainz_(9.412)**
175. Chorti Eleftheria, Kanaki Theodora, Zimmer Lisa, Hadaschik Eva, Ugurel Selma, Gratsias Emmanouil, Roesch Alexander*, Bonella Francesco, Wessendorf Thomas E, Wälscher Julia, Theegarten Dirk, Schadendorf Dirk*, Livingstone Elisabeth: *Drug-induced sarcoidosis-like reaction in adjuvant immunotherapy: Increased rate and mimicker of metastasis*. **European journal of cancer** 2020, 131:18 - 26. **Essen/Düsseldorf_(7.275)**
176. Chowdhury Simon, Oudard Stéphane, Uemura Hiroji, Joniau Steven, Pilon Dominic, Ladouceur Martin, Behl Ajay S, Liu Jinan, Dearden Lindsay, Sermon Jan, Van Sanden Suzy, Diels Joris, Hadaschik Boris A*: *Matching-Adjusted Indirect Comparison of the Efficacy of Apalutamide and Enzalutamide with ADT in the Treatment of Non-Metastatic Castration-Resistant Prostate Cancer*. **Advances in therapy** 2020, 37:501 - 511. **Essen/Düsseldorf**
177. Clarke Matthew, Mackay Alan, Ismer Britta, Pickles Jessica Chiara, Tatevossian Ruth G, Newman Scott, Bale Tejus A, Stoler Iris, Izquierdo Elisa, Temelso Sara, Carvalho Diana M, Molinari Valeria, Burford Anna, Howell Louise, Virasami Alex, Fairchild Amy R, Avery Aimee, Chalker Jane, Kristiansen Mark, Haupfear Kelly, Dalton James D, Orisme Wilda, Wen Ji, Hubank Michael, Kurian Kathreena M, Rowe Catherine, Maybury Mellissa, Crosier Stephen, Knipstein Jeffrey, Schuller Ulrich, Kordes Uwe, Kram David E, Snuderl Matija, Bridges Leslie, Martin Andrew J, Doey Lawrence J, Al-Sarraj Safa, Chandler Christopher, Zebian Bassel, Cairns Claire, Natrajan Rachael, Boulton Jessica Kr, Robinson Simon P, Sill Martin*, Dunkel Ira J, Gilheeney Stephen W, Rosenblum Marc K, Hughes Debbie, Proszek Paula Z, MacDonald Tobey J, Preusser Matthias, Haberler Christine, Slavic Irene, Packer Roger, Ng Ho-Keung, Caspi Shani, Popovic Mara, Faganel Kotnik Barbara, Wood Matthew D, Baird Lissa, Davare Monika Ashok, Solomon David A, Olsen Thale Kristin, Brandal Petter, Farrell Michael, Cryan Jane B, Capra Michael, Karremann Michael, Schittenhelm Jens, Schuhmann Martin U, Ebinger Martin, Dinjens Winand N M, Kerl Kornelius, Hettmer Simone, Pietsch Torsten, Andreiuolo Felipe, Driever Pablo Hernaiz, Korshunov Andrey*,

- Hiddingh Lotte*, Worst Barbara C*, Sturm Dominik*, Zuckermann Marc*, Witt Olaf*, Bloom Tabitha, Mitchell Claire, Miele Evelina, Colafati Giovanna Stefania, Diomedi-Camassei Francesca, Bailey Simon, Moore Andrew S, Hassall Timothy Eg, Lowis Stephen Paul, Tsoli Maria, Cowley Mark J, Ziegler David S, Karajannis Matthias A, Aquilina Kristian, Hargrave Darren R, Carceller Fernando, Marshall Lynley V, von Deimling Andreas*, Kramm Christof M, Pfister Stefan M*, Sahm Felix*, Baker Suzanne J, Mastronuzzi Angela, Carai Andrea, Vinci Maria, Capper David*, Popov Sergey, Ellison David W, Jacques Thomas S, Jones David T W*, Jones Chris: *Infant high grade gliomas comprise multiple subgroups characterized by novel targetable gene fusions and favorable outcomes*. **Cancer discovery** 2020, 10:942-963. **Heidelberg, Berlin**_(29.497)
178. Clasen Kerstin, Leibfarth Sara, Hilke Franz J, Admard Jakob, Winter René M, Welz Stefan*, Gatidis Sergios*, Nann Dominik, Ossowski Stephan, Breuer Thomas, la Fougère Christian*, Nikolaou Konstantin*, Riess Olaf, Zips Daniel*, Schroeder Christopher, Thorwarth Daniela*: *PET/MRI and genetic intrapatient heterogeneity in head and neck cancers*. **Strahlentherapie und Onkologie** 2020, 196:542 - 551. **Tübingen**
179. Collaud Stéphane*, Stork Theresa*, Schildhaus Hans-Ulrich*, Pöttgen Christoph*, Plönes Till*, Valdivia Daniel*, Zaatar Mohamed*, Dirksen Uta*, Bauer Sebastian*, Aigner Clemens*: *Multimodality treatment including surgery for primary pulmonary sarcoma: Size does matter*. **Journal of surgical oncology** 2020, 122:506 - 514. **Essen/Düsseldorf**
180. Combs Stephanie E*, Belka Claus*, Niyazi Maximilian*, Corradini Stefanie, Pigorsch Steffi*, Wilkens Jan, Grosu Anca L*, Guckenberger Matthias, Ganswindt Ute, Bernhardt Denise*: *First statement on preparation for the COVID-19 pandemic in large German Speaking University-based radiation oncology departments*. **Radiation oncology** 2020, 15:74. **München**
181. Consortium ICGC/TCGA Pan-Cancer Analysis of Whole Genomes, Campbell Peter J, Getz Gad, Korbel Jan O, Stuart Joshua M, Jennings Jennifer L, Stein Lincoln D, Perry Marc D, Nahal-Bose Hardeep K, Ouellette B F Francis, Li Constance H, Rheinbay Esther, Nielsen G Petur, Sgroi Dennis C, Wu Chin-Lee, al. et.: *Pan-cancer analysis of whole genomes*. **Nature <London>** 2020, 578:82 - 93. **Heidelberg, Berlin**_(42.778)
182. Conway Jake R, Dietlein Felix, Taylor-Weiner Amaro, AlDubayan Saud, Vokes Natalie, Keenan Tanya, Reardon Brendan, He Meng Xiao, Margolis Claire A, Weirather Jason L, Haq Rizwan, Schilling Bastian*, Stephen Hodi F., Schadendorf Dirk*, Liu David, Van Allen Eliezer M: *Integrated molecular drivers coordinate biological and clinical states in melanoma*. **Nature genetics** 2020, 52:1373-1383. **Essen/Düsseldorf**_(27.605)
183. Cornish Alex J, Law Philip J, Timofeeva Maria, Palin Kimmo, Farrington Susan M, Palles Claire, Jenkins Mark A, Casey Graham, Brenner Hermann*, Chang-Claude Jenny*, Hoffmeister Michael*, Kirac Iva, Maughan Tim, Brezina Stefanie, Gsur Andrea, Cheadle Jeremy P, Aaltonen Lauri A, Tomlinson Ian, Dunlop Malcolm G, Houlston Richard S: *Modifiable pathways for colorectal cancer: a mendelian randomisation analysis*. **The lancet Gastroenterology & Hepatology** 2020, 5:55-62. **Heidelberg**_(14.789)
184. Cortés-Ciriano Isidro, Lee Jake June-Koo, Xi Ruibin, Jain Dhawal, Jung Youngsook L, Yang Lixing, Gordenin Dmitry, Klimczak Leszek J, Zhang Cheng-Zhong, Pellman David S, Group PCAWG Structural Variation Working, Park Peter J, Consortium PCAWG, Akdemir Kadir C, Alvarez Eva G, Baez-Ortega Adrian, Beroukhi Rameen, Boutros Paul C, Bowtell David D L, Brors Benedikt*, Burns Kathleen H, Campbell Peter J, Chan Kin, Chen Ken, Cortés-Ciriano Isidro, Dueso-Barroso Ana, Dunford Andrew J, Edwards Paul A, Estivill Xavier, Etemadmoghadam Dariush, Feuerbach Lars*, Fink J Lynn, Frenkel-Morgenstern Milana, Garsed Dale W, Gerstein Mark, Gordenin Dmitry

- A, Haan David, Haber James E, Hess Julian M, Hutter Barbara*, Imielinski Marcin, Jones David T W*, Ju Young Seok, Kazanov Marat D, Klimczak Leszek J, Koh Youngil, Korbel Jan O, Kumar Kiran, Lee Eunjung Alice, Lee Jake June-Koo, Li Yilong, Lynch Andy G, Macintyre Geoff, Markowetz Florian, Martincorena Iñigo, Martinez-Fundichely Alexander, Miyano Satoru, Nakagawa Hidewaki, Navarro Fabio C P, Ossowski Stephan, Park Peter J, Pearson John V, Puiggròs Montserrat, Rippe Karsten, Roberts Nicola D, Roberts Steven A, Rodriguez-Martin Bernardo, Schumacher Steven E, Scully Ralph, Shackleton Mark, Sidiropoulos Nikos, Sieverling Lina*, Stewart Chip, Torrents David, Tubio Jose M C, Villasante Izar, Waddell Nicola, Wala Jeremiah A, Weischenfeldt Joachim, Yang Lixing, Yao Xiaotong, Yoon Sung-Soo, Zamora Jorge, Zhang Cheng-Zhong: *Comprehensive analysis of chromothripsis in 2,658 human cancers using whole-genome sequencing*. **Nature genetics** 2020, 52:331-341. **Heidelberg_(27.605)**
185. Cosgarea Ioana, Griewank Klaus G*, Ungureanu Loredana, Tamayo Arturo, Siepmann Timo: *Deep Penetrating Nevus and Borderline-Deep Penetrating Nevus: A Literature Review*. **Frontiers in oncology** 2020, 10:837. **Essen/Düsseldorf**
186. Cremer Anjali, Ellegast Jana M, Alexe Gabriela, Frank Elizabeth S, Ross Linda, Chu S Haihua, Pikman Yana, Robichaud Amanda, Goodale Amy, Häupl Björn*, Mohr Sebastian, Rao Arati V, Walker Alison R, Blachly James S, Piccioni Federica, Armstrong Scott A, Byrd John C, Oellerich Thomas*, Stegmaier Kimberly: *Resistance Mechanisms to SYK Inhibition in Acute Myeloid Leukemia*. **Cancer discovery** 2020, 10:214 - 231. **Frankfurt/Mainz_(29.497)**
187. Cremer Sebastian, Kirschbaum Klara, Berkowitsch Alexander, John David, Kiefer Katharina, Dorsheimer Lena, Wagner Julian, Rasper Tina, Abou-El-Ardat Khalil*, Assmus Birgit, Serve Hubert, Rieger Michael*, Dimmeler Stefanie, Zeiher Andreas M: *Multiple Somatic Mutations for Clonal Hematopoiesis Are Associated with Increased Mortality in Patients with Chronic Heart Failure*. **Circulation Genomic and precision medicine** 2020, 13:e003003. **Frankfurt/Mainz**
188. Cubillos-Mesías Macarena, Troost Esther G C*, Lohaus Fabian*, Agolli Linda, Rehm Maximilian, Richter Christian*, Stützer Kristin: *Quantification of plan robustness against different uncertainty sources for classical and anatomical robust optimized treatment plans in head and neck cancer proton therapy*. **The British journal of radiology** 2020, 93:20190573. **Dresden**
189. Czech-Sioli Manja, Günther Thomas, Therre Marlin, Spohn Michael, Indenbirken Daniela, Theiss Juliane, Riethdorf Sabine, Qi Minyue, Alawi Malik, Wülbeck Corinna*, Fernandez-Cuesta Irene, Esmek Franziska, Becker Jürgen C*, Grundhoff Adam, Fischer Nicole: *High-resolution analysis of Merkel Cell Polyomavirus in Merkel Cell Carcinoma reveals distinct integration patterns and suggests NHEJ and MMBIR as underlying mechanisms*. **PLoS pathogens** 2020, 16:e1008562 -. **Essen/Düsseldorf_(6.218)**
190. Dächert Jasmin, Ehrenfeld Vanessa, Habermann Karoline, Dolgikh Nadezda, Fulda Simone*: *Targeting ferroptosis in rhabdomyosarcoma cells*. **International journal of cancer** 2020, 146:510-520. **Frankfurt/Mainz_(5.145)**
191. Dahlmann Mathias*, Werner Rebecca, Kortüm Benedikt, Kobelt Dennis, Walther Wolfgang, Stein Ulrike*: *Restoring Treatment Response in Colorectal Cancer Cells by Targeting MACC1-Dependent ABCB1 Expression in Combination Therapy*. **Frontiers in oncology** 2020, 10:599. **Berlin**
192. Dantes Zahra, Yen Hsi-Yu, Pfarr Nicole, Winter Christof*, Steiger Katja, Muckenhuber Alexander, Hennig Alexander, Lange Sebastian, Engleitner Thomas, Öllinger Rupert, Maresch Roman, Orben Felix, Heid Irina, Kaissis Georgios, Shi Kuangyu, Topping Geoffrey, Stögbauer Fabian, Wirth

- Matthias, Peschke Katja, Papargyriou Aristeidis, Rezaee-Oghazi Massoud, Feldmann Karin, Schäfer Arlett P. G., Ranjan Raphela, Lubeseder-Martellato Clara, Stange Daniel E.*, Welsch Thilo*, Martignoni Marc, Ceyhan Güralp O., Friess Helmut, Herner Alexander, Liotta Lucia, Treiber Matthias, von Figura Guido, Abdelhafez Mohamed, Klare Peter, Schlag Christoph, Algül Hana, Siveke Jens*, Braren Rickmer*, Weirich Gregor, Weichert Wilko*, Saur Dieter*, Rad Roland*, Schmid Roland M., Schneider Günter*, Reichert Maximilian*: *Implementing cell-free DNA of pancreatic cancer patient-derived organoids for personalized oncology*. **JCI insight** 2020, 5:e137809. **München, Essen/Düsseldorf**_(6.205)
193. Dao Trong Philip, Jungwirth Gerhard, Yu Tao, Pusch Stefan*, Unterberg Andreas, Herold-Mende Christel*, Warta Rolf: *Large-Scale Drug Screening in Patient-Derived IDHmut Glioma Stem Cells Identifies Several Efficient Drugs among FDA-Approved Antineoplastic Agents*. **Cells** 2020, 9:E1389 **Heidelberg**
194. Dapper Hendrik, Oechsner Markus, Münch Stefan*, Diehl Christian, Peecken Jan C*, Borm Kai, Combs Stephanie E*: *Dosimetric comparison of organs at risk using different contouring guidelines for definition of the clinical target volume in anal cancer*. **Strahlentherapie und Onkologie** 2020, 196:368-375. **München**
195. Darr Christopher*, Krafft U.*, Fendler W. P.*, Costa P Fragoso*, Barbato F.*, Praus C.*, Reis H.*, Hager T.*, Tschirdewahn S.*, Radtke Jan Philipp*, Herrmann Volker*, Hadaschik B. A.*: *First-in-man intraoperative Cerenkov luminescence imaging for oligometastatic prostate cancer using 68Ga-PSMA-11*. **European journal of nuclear medicine and molecular imaging** 2020, 47:3194-3195. **Essen/Düsseldorf**_(7.081)
196. Das Tonmoy, Andrieux Geoffroy*, Ahmed Musaddeque, Chakraborty Sajib: *Integration of Online Omics-Data Resources for Cancer Research*. **Frontiers in genetics** 2020, 11:578345. **Freiburg**
197. de Rojas Teresa, Kasper Bernd, Van der Graaf Winette, Pfister Stefan M*, Bielle Franck, Ribalta Teresa, Shenjere Patrick, Preusser Matthias, Fröhling Stefan*, Golfinopoulos Vassilis, Morfouace Marie, McCabe Martin G: *EORTC SPECTA-AYA: A unique molecular profiling platform for adolescents and young adults with cancer in Europe*. **International journal of cancer** 2020, 147:1180-1184. **Heidelberg**_(5.145)
198. De Vita Elena, Smits Niels, van den Hurk Helma, Beck Elizabeth M, Hewitt Joanne, Baillie Gemma, Russell Emily, Pannifer Andrew, Hamon Véronique, Morrison Angus, McElroy Stuart P, Jones Philip, Ignatenko Natalia A, Gunkel Nikolas*, Miller Aubry*: *Synthesis and Structure-Activity Relationships of N-(4-Benzamidino)-Oxazolidinones: Potent and Selective Inhibitors of Kallikrein-Related Peptidase 6*. **ChemMedChem** 2020, 15:79-95. **Heidelberg**
199. Delacher Michael*, Imbusch Charles D*, Hotz-Wagenblatt Agnes*, Mallm Jan-Philipp*, Bauer Katharina*, Simon Malte*, Riegel Dania, Rendeiro André F, Bittner Sebastian, Sanderink Lieke, Pant Asmita, Schmidleithner Lisa, Braband Kathrin*, Echtenachter Bernd, Fischer Alexander, Giunchiglia Valentina, Hoffmann Petra, Edinger Matthias, Bock Christoph, Rehli Michael, Brors Benedikt*, Schmidl Christian, Feuerer Markus*: *Precursors for Nonlymphoid-Tissue Treg Cells Reside in Secondary Lymphoid Organs and Are Programmed by the Transcription Factor BATF*. **Immunity** 2020, 52:295-312.e211. **Heidelberg**_(22.553)
200. Demir Elke, Safak Okan, Friess Helmut*, Demir Ihsan Ekin*: *Pain in chronic pancreatitis: mechanics or molecules?* **Pain management** 2020, 10:205 - 208. **München**
201. Demir Ihsan Ekin*, Reyes Carmen Mota*, Alrawashdeh Wasfi, Ceyhan Güralp O., Deborde Sylvie, Friess Helmut*, Görgülü Kivanc, Istvanffy Rouzanna, Jungwirth David*, Kuner Rohini,

Maryanovich Maria, Na'ara Shorook, Renders Simon*, Saloman Jami L., Scheff Nicole N., Steenfadt Hendrik*, Stupakov Pavel*, Thiel Vera*, Verma Divij, Yilmaz Bengi Su*, White Ruth A., Wang Timothy C., Wong Richard J., Frenette Paul S., Gil Ziv, Davis Brian M.: *Clinically Actionable Strategies for Studying Neural Influences in Cancer*. **Cancer cell** 2020, 38:11 - 14.

München_(26.602)

202. den Otter Lydia A, Anakotta Renske M, Weessies Menkedina, Roos Catharina T G, Sijtsema Nanna M, Muijs Christina T, Dieters Margriet, Wijsman Robin, Troost Esther G C*, Richter Christian*, Meijers Arturs, Langendijk Johannes A, Both Stefan, Knopf Antje-Christin: *Investigation of inter-fraction target motion variations in the context of pencil beam scanned proton therapy in non-small cell lung cancer patients*. **Medical physics** 2020, 47:3835-3844.
Dresden
203. Deng Maximilian Yuanzhe*, Sill Martin*, Sturm Dominik*, Stichel Damian*, Witt Hendrik*, Ecker Jonas*, Wittmann Andreas*, Schittenhelm Jens, Ebinger Martin, Schuhmann Martin U, Figarella-Branger Dominique, Aronica Eleonora, Staszewski Ori, Preusser Matthias, Haberler Christine, Lauten Melchior, Schüller Ulrich, Hartmann Christian, Snuderl Matija, Dunham Christopher, Jabado Nada, Wesseling Pieter, Deckert Martina, Keyvani Kathy, Gottardo Nick, Giangaspero Felice, von Hoff Katja, Ellison David W, Pietsch Torsten, Herold Mende Christel, Milde Till*, Witt Olaf*, Kool Marcel*, Korshunov Andrey*, Wick Wolfgang*, von Deimling Andreas*, Pfister Stefan M*, Jones David T W*, Sahm Felix*: *Diffuse Glioneuronal tumour with Oligodendroglioma-like features and Nuclear Clusters (DGONC) - a molecularly-defined glioneuronal CNS tumour class displaying recurrent monosomy 14*. **Neuropathology & applied neurobiology** 2020, 46:422-430. **Heidelberg** _(7.500)
204. d'Errico Margherita*, Alwers Elizabeth*, Zhang Yan*, Edelmann Dominic*, Brenner Hermann*, Hoffmeister Michael*: *Identification of prognostic DNA methylation biomarkers in patients with gastrointestinal adenocarcinomas: A systematic review of epigenome-wide studies*. **Cancer treatment reviews** 2020, 82:101933. **Heidelberg**_(8.885)
205. Desch Ann-Kathrin, Hartung Kristin, Botzen Ante, Brobeil Alexander, Rummel Mathias, Kurch Lars, Georgi Thomas, Jox Theresa, Bielack Stefan, Burdach Stefan*, Classen Carl Friedrich, Claviez Alexander, Debatin Klaus-Michael, Ebinger Martin, Eggert Angelika, Faber Jörg, Flotho Christian, Frühwald Michael, Graf Norbert, Jorch Norbert, Kontny Udo, Kramm Christof, Kulozik Andreas, Kühr Joachim, Sykora Karl-Walter, Metzler Markus, Müller Hermann L, Nathrath Michaela, Nüßlein Thomas, Paulussen Michael, Pekrun Arnulf, Reinhardt Dirk, Reinhard Harald, Rössig Claudia, Sauerbrey Axel, Schlegel Paul-Gerhardt, Schneider Dominik T, Scheurlen Wolfram, Schweigerer Lothar, Simon Thorsten, Suttorp Meinolf, Vorwerk Peter, Schmitz Roland, Kluge Regine, Mauz-Körholz Christine, Körholz Dieter, Gattenlöhner Stefan, Bräuninger Andreas: *Genotyping circulating tumor DNA of pediatric Hodgkin lymphoma*. **Leukemia** 2020, 34:151 - 166. **München**_(8.665)
206. Deutelmoser Heike*, Lorenzo Bermejo Justo, Benner Axel*, Weigl Korbinian*, Park Hanla A*, Haffa Mariam*, Herpel Esther, Schneider Martin, Ulrich Cornelia M*, Hoffmeister Michael*, Chang-Claude Jenny*, Brenner Hermann*, Scherer Dominique*: *Genotype-Based Gene Expression in Colon Tissue-Prediction Accuracy and Relationship with the Prognosis of Colorectal Cancer Patients*. **International journal of molecular sciences** 2020, 21:8150 **Heidelberg**
207. Devecka Michal, Duma Marciana Nona, Wilkens Jan J, Kampfer Severin, Borm Kai Joachim, Münch Stefan*, Straube Christoph, Combs Stephanie E*: *Craniospinal irradiation(CSI) in patients with leptomeningeal metastases: risk-benefit-profile and development of a prognostic score for*

- decision making in the palliative setting. BMC cancer* 2020, 20:501. **München**
208. Deville Sara Sofia, Delgadillo Silva Luis Fernando, Vehlow Anne*, Cordes Nils*: *c-Abl Tyrosine Kinase Is Regulated Downstream of the Cytoskeletal Protein Synemin in Head and Neck Squamous Cell Carcinoma Radioresistance and DNA Repair. International journal of molecular sciences* 2020, 21:7277 **Dresden**
 209. Deville Sara Sofia, Luft Susanne, Kaufmann Maria, Cordes Nils*: *Keap1 inhibition sensitizes head and neck squamous cell carcinoma cells to ionizing radiation via impaired non-homologous end joining and induced autophagy. Cell death & disease* 2020, 11:887. **Dresden_(6.304)**
 210. Deville Sara Sofia, Vehlow Anne*, Förster Sarah, Dickreuter Ellen, Borgmann Kerstin, Cordes Nils*: *The Intermediate Filament Synemin Regulates Non-Homologous End Joining in an ATM-Dependent Manner. Cancers* 2020, 12:E1717. **Dresden_(6.126)**
 211. Dhamija Sonam*, Yang Chul Min*, Seiler Jeanette*, Myacheva Ksenia*, Caudron-Herger Maiwen*, Wieland Angela*, Abdelkarim Mahmoud*, Sharma Yogita*, Riestter Marisa*, Groß Matthias*, Maurer Jochen*, Diederichs Sven*: *A pan-cancer analysis reveals nonstop extension mutations causing SMAD4 tumour suppressor degradation. Nature cell biology* 2020, 22:999-1010. **Freiburg_(20.042)**
 212. Dickmann J., Rit S., Pankuch M., Johnson R. P., Schulte R. W., Parodi K., Dedes G., Landry G.*: *An optimization algorithm for dose reduction with fluence-modulated proton CT. Medical physics* 2020, 47:1895-1906. **München**
 213. Dicks Severin, Jürgensen Lonny, Leuschner Florian, Hassel David, Andrieux Geoffroy*, Boerries Melanie*: *Cardiac Regeneration and Tumor Growth-What Do They Have in Common? Frontiers in genetics* 2020, 11:586658. **Freiburg**
 214. Diefenhardt Markus, Ludmir Ethan B, Hofheinz Ralf-Dieter, Ghadimi Michael, Minsky Bruce D, Rödel Claus*, Fokas Emmanouil*: *Association of Sex With Toxic Effects, Treatment Adherence, and Oncologic Outcomes in the CAO/ARO/AIO-94 and CAO/ARO/AIO-04 Phase 3 Randomized Clinical Trials of Rectal Cancer. JAMA oncology* 2020, 6:294-296 **Frankfurt/Mainz_(24.799)**
 215. Diefenhardt Markus, Ludmir Ethan B, Hofheinz Ralf-Dieter, Ghadimi Michael, Minsky Bruce D, Rödel Claus*, Fokas Emmanouil*: *Association of Treatment Adherence With Oncologic Outcomes for Patients With Rectal Cancer: A Post Hoc Analysis of the CAO/ARO/AIO-04 Phase 3 Randomized Clinical Trial. JAMA oncology* 2020, 6:1416-1421. **Frankfurt/Mainz_(24.799)**
 216. Dietachmayr Michael, Rathakrishnan Abirami, Karpiuk Oleksandra, von Zweydford Felix, Engleitner Thomas, Fernández-Sáiz Vanesa, Schenk Petra, Ueffing Marius, Rad Roland*, Eilers Martin, Gloeckner Christian Johannes, Clemm von Hohenberg Katharina*, Bassermann Florian*: *Antagonistic activities of CDC14B and CDK1 on USP9X regulate WT1-dependent mitotic transcription and survival. Nature Communications* 2020, 11:1268. **München_(12.121)**
 217. Dietinger Vanessa*, Garcia de Durango Cira*, Wiechmann Svenja*, Boos Sophie Luise*, Michl Marlies, Neumann Jens, Hermeking Heiko*, Kuster Bernhard*, Jung Peter*: *Wnt-driven LARGE2 mediates laminin-adhesive O-glycosylation in human colonic epithelial cells and colorectal cancer. Cell communication and signaling* 2020, 18:102. **München**
 218. Dietrich Antje*, Andreeff Michael, Koi Lydia, Bergman Ralf, Schubert Maik, Schreiner Lena, Löck Steffen*, Sihver Wiebke, Freudenberg Robert, Hering Sandra, Pietzsch Hans-Jürgen, Steinbach Jörg, Kotzerke Jörg, Baumann Michael*, Krause Mechthild*: *Radiotherapy enhances uptake and efficacy of 90Y-Cetuximab: a preclinical trial. Radiotherapy and oncology* 2020, 155:285-292.

Dresden

219. Dietz Anna, Dalda Nahide, Zielke Svenja, Dittmann Jessica, van Wijk Sjoerd J L, Vogler Meike, Fulda Simone*: *Proteasome inhibitors and Smac mimetics cooperate to induce cell death in Diffuse Large B-cell Lymphoma by stabilizing NOXA and triggering mitochondrial apoptosis. International journal of cancer* 2020, 147:1485-1498. **Frankfurt/Mainz_(5.145)**
220. Dietz Steffen*, Christopoulos Petros, Yuan Zhao*, Angeles Arlou Kristina*, Gu Lisa*, Volckmar Anna-Lena, Ogrodnik Simon J*, Janke Florian*, Fratte Chiara Dalle*, Zemojtel Tomasz, Schneider Marc A, Kazdal Daniel, Endris Volker, Meister Michael, Muley Thomas, Cecchin Erika, Reck Martin, Schlesner Matthias*, Thomas Michael, Stenzinger Albrecht*, Sültmann Holger*: *Longitudinal therapy monitoring of ALK-positive lung cancer by combined copy number and targeted mutation profiling of cell-free DNA. EBioMedicine* 2020, 62:103103. **Heidelberg_(5.736)**
221. Dietzsch Stefan, Placzek Felix, Pietschmann Klaus, von Bueren André O., Matuschek Christiane, Glück Albrecht, Guckenberger Matthias, Budach Volker, Welzel Jutta, Pöttgen Christoph, Schmidberger Heinz, Heinzelmann Frank, Paulsen Frank, Escudero Montserrat Pazos, Schwarz Rudolf, Hornung Dagmar, Martini Carmen, Grosu Anca Ligia, Stueben Georg, Jablonska Karolina, Dunst Juergen, Stranzl-Lawatsch Heidi, Dieckmann Karin, Timmermann Beate, Pietsch Torsten, Warmuth-Metz Monika, Bison Brigitte, Kwiecien Robert, Benesch Martin, Gerber Nicolas U., Grotzer Michael A., Pfister Stefan M.*, Clifford Steven C., von Hoff Katja, Klagges Sabine, Rutkowski Stefan, Kortmann Rolf-Dieter, Mynarek Martin: *Evaluation of Prognostic Factors and Role of Participation in a Randomized Trial or a Prospective Registry in Pediatric and Adolescent Nonmetastatic Medulloblastoma – A Report From the HIT 2000 Trial. Advances in radiation oncology* 2020, 5:1158-1169. **Heidelberg**
222. Dill Veronika, Kauschinger Johanna, Hauch Richard T, Buschhorn Lars, Odinius Timo O, Müller-Thomas Catharina, Mishra Ritu, Kyncl Michele C, Schmidt Burkhard, Prodinger Peter M, Hempel Dirk, Bellos Frauke, Höllein Alexander, Kern Wolfgang, Haferlach Torsten, Slotta-Huspenina Julia, Bassermann Florian*, Peschel Christian, Götze Katharina S, Waizenegger Irene C, Höckendorf Ulrike, Jost Philipp J*, Jilg Stefanie: *Inhibition of PLK1 by capped-dose volasertib exerts substantial efficacy in MDS and sAML while sparing healthy haematopoiesis. European journal of haematology* 2020, 104:125-137. **München**
223. Dinger Thiemo F., Chen Oleg, Dittfeld Claudia, Hetze Lydia, Hüther Melanie, Wondrak Marit, Löck Steffen*, Eicheler Wolfgang, Breier Georg, Kunz-Schughart Leoni A.: *Microenvironmentally-driven Plasticity of CD44 isoform expression determines Engraftment and Stem-like Phenotype in CRC cell lines. Theranostics* 2020, 10:7599 - 7621. **Dresden_(8.579)**
224. Dirven Linda, Luerding Ralf, Beier Dagmar, Bumes Elisabeth, Reinert Christiane, Seidel Clemens, Bonsanto Matteo Mario, Bremer Michael, Rieken Stefan, Combs Stephanie E*, Herrlinger Ulrich, Seliger Corinna*, Kuntze Holger, Mayer-Steinacker Regine, Dieing Annette, Bartels Claudius, Schnell Oliver, Weyerbrock Astrid, Seidel Sabine, Grauer Oliver, Nadji-Ohl Minou, Paulsen Frank, Weller Michael, Wick Wolfgang*, Hau Peter: *Neurocognitive functioning and health-related quality of life in adult medulloblastoma patients: long-term outcomes of the NOA-07 study. Journal of neuro-oncology* 2020, 148:117-130. **München**
225. Dittmann Jessica, Haydn Tinka, Metzger Patrick, Ward George A, Boerries Melanie*, Vogler Meike, Fulda Simone*: *Next-generation hypomethylating agent SGI-110 primes acute myeloid leukemia cells to IAP antagonist by activating extrinsic and intrinsic apoptosis pathways. Cell death and differentiation* 2020, 27:1878-1895. **Freiburg, Frankfurt/Mainz_(10.717)**

226. Dittmayer Carsten, Meinhardt Jenny, Radbruch Helena, Radke Josefine*, Heppner Barbara Ingold, Heppner Frank L, Stenzel Werner, Holland Gudrun, Laue Michael: *Why misinterpretation of electron micrographs in SARS-CoV-2-infected tissue goes viral*. **The lancet <London>** 2020, 396:e64-e65. **Berlin**_(60.392)
227. Dittner-Moormann Sabine, Reschke Madlen, Biewald Eva, Kuechler Alma, Klein Barbara, Timmermann Beate*, Lohmann Dietmar, Ketteler Petra, Kanber Deniz: *13q deletion syndrome resulting from balanced chromosomal rearrangement in father: the significance of parental karyotyping*. **Molecular cytogenetics** 2020, 13:31. **Essen/Düsseldorf**
228. Doege Daniela*, Thong Melissa*, Koch-Gallenkamp Lena*, Jansen Lina*, Bertram Heike, Eberle Andrea, Holleczeck Bernd, Pritzkeleit Ron, Waldmann Annika, Zeissig Sylke R, Brenner Hermann*, Arndt Volker*: *Age-specific prevalence and determinants of depression in long-term breast cancer survivors compared to female population controls*. **Cancer medicine** 2020, 9:8713-8721. **Heidelberg**
229. Dombrowsky Annique C, Burger Karin, Porth Ann-Kristin, Stein Marlon, Dierolf Martin, Günther Benedikt, Achterhold Klaus, Gleich Bernhard, Feuchtinger Annette, Bartzsch Stefan, Beyreuther Elke, Combs Stephanie E*, Pfeiffer Franz, Wilkens Jan J, Schmid Thomas E: *A proof of principle experiment for microbeam radiation therapy at the Munich compact light source*. **Radiation and environmental biophysics** 2020, 59:111-120. **München**
230. Dorsheimer Lena, Assmus Birgit, Rasper Tina, Ortmann Christina A., Abou-El-Ardat Khalil*, Kiefer Katharina C., Hoffmann Jędrzej, Seeger Florian, Bonig Halvard, Dimmeler Stefanie, Zeiher Andreas M., Rieger Michael A.*: *Hematopoietic alterations in chronic heart failure patients by somatic mutations leading to clonal hematopoiesis*. **Haematologica** 2020, 105:e328 - e332. **Frankfurt/Mainz**_(7.116)
231. Dos Santos José Carlos, Beijer Barbro, Bauder-Wüst Ulrike*, Schäfer Martin*, Leotta Karin, Eder Matthias*, Benešová Martina*, Kleist Christian, Giesel Frederic, Kratochwil Clemens, Kopka Klaus*, Haberkorn Uwe*, Mier Walter: *Development of Novel PSMA Ligands for Imaging and Therapy with Copper Isotopes*. **Journal of nuclear medicine** 2020, 61:70-79. **Freiburg**_(7.887)
232. Driver Taran, Cooper Bridgette, Ayers Ruth, Pipkorn Rüdiger*, Patchkovskii Serguei, Averbukh Vitali, Klug David R., Marangos Jon P., Frasninski Leszek J., Edelson-Averbukh Marina: *Two-Dimensional Partial-Covariance Mass Spectrometry of Large Molecules Based on Fragment Correlations*. **Physical review / X** 2020, 10:041004. **Tübingen**_(12.577)
233. Dube Umer, Ibanez Laura, Budde John P, Benitez Bruno A, Davis Albert A, Harari Oscar, Iles Mark M, Law Matthew H, Brown Kevin M, Team 23andMe Research, Consortium Melanoma-Meta-analysis, Cruchaga Carlos, Agee Michelle, Alipanahi Babak, Auton Adam, Bell Robert K, Bryc Katarzyna, Elson Sarah L, Fontanillas Pierre, Furlotte Nicholas A, Hinds David A, Huber Karen E, Kleinman Aaron, Litterman Nadia K, McCreight Jennifer C, McIntyre Matthew H, Mountain Joanna L, Noblin Elizabeth S, Northover Carrie A M, Pitts Steven J, Sathirapongsasuti J Fah, Sazonova Olga V, Shelton Janie F, Shringarpure Suyash, Tian Chao, Tung Joyce Y, Vacic Vladimir, Wilson Catherine H, Law M. H., Bishop D. T., Lee J. E., Brossard M., Martin N. G., Moses E. K., Song F., Barrett J. H., Kumar R.*, Easton D. F., Pharoah P. D., Swerdlow A. J., Kypreou K. P., Taylor J. C., Harland M., Randerson-Moor J., Akslen L. A., Andresen P. A., Avril M. F., Azizi E., Scarrà G. B., Brown K. M., Debniak T., Duffy D. L., Elder D. E., Fang S., Friedman E., Galan P., Ghiorzo P., Gillanders E. M., Goldstein A. M., Gruis N. A., Hansson J., Helsing P., Hočevár M., Höiom V., Ingvar C., Kanetsky P. A., Chen W. V., Landi M. T., Lang J., Lathrop G. M., Lubiński J., Mackie R. M., Mann G. J., Molven A., Montgomery G. W., Novaković S., Olsson H., Puig S., Puig-

- Butille J. A., Wu W., Qureshi A. A., Radford-Smith G. L., van der Stoep N., van Doorn R., Whiteman D. C., Craig J. E., Schadendorf E.*, Simms L. A., Burdon K. P., Nyholt D. R., Pooley K. A., Orr N., Stratigos A. J., Cust A. E., Ward S. V., Hayward N. K., Han J., Schulze H. J., Dunning A. M., Bishop J. A., Demenais F., Amos C. I., MacGregor S., Iles M. M.: *Overlapping genetic architecture between Parkinson disease and melanoma*. **Acta neuropathologica** 2020, 139:347 - 364. **Essen/Düsseldorf_(14.256)**
234. Dummer Reinhard, Brase Jan C, Garrett James, Campbell Catarina D, Gasal Eduard, Squires Matthew, Gusenleitner Daniel, Santinami Mario, Atkinson Victoria, Mandalà Mario, Chiarion-Sileni Vanna, Flaherty Keith, Larkin James, Robert Caroline, Kefford Richard, Melanoma Institute Australia and The University of Sydney Sydney, NSW, Australia.}, Kirkwood John M, Hauschild Axel, Schadendorf Dirk*, German Cancer Consortium Heidelberg, Germany.}, Long Georgina V, Royal North Shore and Mater Hospitals Sydney, NSW, Australia.}: *Adjuvant dabrafenib plus trametinib versus placebo in patients with resected, BRAFV600-mutant, stage III melanoma (COMBI-AD): exploratory biomarker analyses from a randomised, phase 3 trial*. **The lancet <London> / Oncology** 2020, 21:358 - 372. **Essen/Düsseldorf_(33.752)**
235. Dummer Reinhard*, Hauschild Axel, Santinami Mario, Atkinson Victoria, Mandalà Mario, Kirkwood John M, Chiarion Sileni Vanna, Larkin James, Nyakas Marta, Dutriaux Caroline, Haydon Andrew, Robert Caroline, Mortier Laurent, Schachter Jacob, Lesimple Thierry, Plummer Ruth, Dasgupta Kohinoor, Gasal Eduard, Tan Monique, Long Georgina V, Schadendorf Dirk*: *Five-Year Analysis of Adjuvant Dabrafenib plus Trametinib in Stage III Melanoma*. **The New England journal of medicine** 2020, 383:1139-1148. **Essen/Düsseldorf_(74.699)**
236. Dummer Reinhard, Lebbé Celeste, Atkinson Victoria, Mandalà Mario, Nathan Paul D, Arance Ana, Richtig Erika, Yamazaki Naoya, Robert Caroline, Schadendorf Dirk*, Tawbi Hussein A, Ascierto Paolo A, Ribas Antoni, Flaherty Keith T, Pakhle Neha, Campbell Catarina D, Gusenleitner Daniel, Masood Aisha, Brase Jan C, Gasal Eduard, Long Georgina V: *Combined PD-1, BRAF and MEK inhibition in advanced BRAF-mutant melanoma: safety run-in and biomarker cohorts of COMBI-i*. **Nature medicine** 2020, 26:1557 - 1563. **Essen/Düsseldorf_(36.130)**
237. Duque Anna Sophie, Corradini Stefanie, Kamp Florian, Seidensticker Max, Streitparth Florian, Kurz Christopher, Walter Franziska, Parodi Katia, Verhaegen Frank, Ricke Jens, Belka Claus*, Fonseca Gabriel Paiva, Landry Guillaume: *The dosimetric impact of replacing the TG-43 algorithm by model based dose calculation for liver brachytherapy*. **Radiation oncology** 2020, 15:60. **München**
238. Dutz Almut*, Agolli Linda, Bütof Rebecca*, Valentini Chiara, Baumann Michael*, Lühr Armin*, Löck Steffen*, Krause Mechthild*: *Neurocognitive function and quality of life after proton beam therapy for brain tumour patients*. **Radiotherapy and oncology** 2020, 143:108-116. **Dresden**
239. Dyberg Cecilia, Andonova Teodora, Olsen Thale Kristin, Brodin Bertha, Kool Marcel*, Kogner Per, Johnsen John Inge, Wickström Malin: *Inhibition of Rho-Associated Kinase Suppresses Medulloblastoma Growth*. **Cancers** 2020, 12:73. **Heidelberg_(6.126)**
240. Eberle Fabian, Lautenschläger Stefan, Engenhart-Cabillic Rita, Jensen Alexandra D, Carl Barbara, Stein Marco, Debus Jürgen*, Hauswald Henrik*: *Carbon Ion Beam Reirradiation in Recurrent High-Grade Glioma*. **Cancer management and research** 2020, Volume 12:633 - 639. **Heidelberg**
241. Ebinger Sarah, Zeller Christina, Carlet Michela, Senft Daniela, Bagnoli Johannes W., Liu Wen-Hsin, Rothenberg-Thurley Maja, Enard Wolfgang, Metzeler* Klaus H., Herold Tobias, Spiekermann Karsten*, Vick Binje, Jeremias Irmela: *Plasticity in growth behavior of patients'*

- acute myeloid leukemia stem cells growing in mice. Haematologica* 2020, 105:2855 - 2860. **München**_(7.116)
242. Echle Amelie, Grabsch Heike Irmgard, Quirke Philip, van den Brandt Piet A, West Nicholas P, Hutchins Gordon G A, Heij Lara R, Tan Xiuxiang, Richman Susan D, Krause Jeremias, Alwers Elizabeth*, Jenniskens Josien, Offermans Kelly, Gray Richard, Brenner Hermann*, Chang-Claude Jenny*, Trautwein Christian, Pearson Alexander T, Boor Peter, Luedde Tom, Gaisa Nadine Therese, Hoffmeister Michael*, Nikolas Kather Jakob*: *Clinical-grade Detection of Microsatellite Instability in Colorectal Tumors by Deep Learning. Gastroenterology* 2020, 159:1406-1416.e1411. **Heidelberg**_(17.373)
243. Eckardt Jan-Niklas, Bornhäuser Martin*, Wendt Karsten, Middeke Jan Moritz: *Application of machine learning in the management of acute myeloid leukemia: current practice and future prospects. Blood advances* 2020, 4:6077 - 6085. **Dresden**
244. Eggermont Alexander M M, Blank Christian U, Mandala Mario, Long Georgina V, Atkinson Victoria G, Dalle Stéphane, Haydon Andrew M, Meshcheryakov Andrey, Khattak Adnan, Carlino Matteo S, Sandhu Shahneen, Larkin James, Puig Susana, Ascierto Paolo A, Rutkowski Piotr, Schadendorf Dirk*, Koornstra Rutger, Hernandez-Aya Leonel, Di Giacomo Anna Maria, van den Eertwegh Alfonsus J M, Grob Jean-Jacques, Gutzmer Ralf, Jamal Rahima, Lorigan Paul C, van Akkooi Alexander C J, Krepler Clemens, Ibrahim Nageatte, Marreaud Sandrine, Kicinski Michal, Suci Stefan, Robert Caroline: *Longer Follow-Up Confirms Recurrence-Free Survival Benefit of Adjuvant Pembrolizumab in High-Risk Stage III Melanoma: Updated Results From the EORTC 1325-MG/KEYNOTE-054 Trial. Journal of clinical oncology* 2020, 38:3925-3936. **Essen/Düsseldorf**_(32.956)
245. Eggermont Alexander M M, Kicinski Michal, Blank Christian U, Mandala Mario, Long Georgina V, Atkinson Victoria, Dalle Stéphane, Haydon Andrew, Khattak Adnan, Carlino Matteo S, Sandhu Shahneen, Larkin James, Puig Susana, Ascierto Paolo A, Rutkowski Piotr, Schadendorf Dirk*, Koornstra Rutger, Hernandez-Aya Leonel, Di Giacomo Anna Maria, van den Eertwegh Alfonsus J M, Grob Jean-Jacques, Gutzmer Ralf, Jamal Rahima, Lorigan Paul C, Krepler Clemens, Co Kenilworth, New Jersey.}, Ibrahim Nageatte, Co Kenilworth, New Jersey.}, Marreaud Sandrine, van Akkooi Alexander, Robert Caroline, Suci Stefan: *Association Between Immune-Related Adverse Events and Recurrence-Free Survival Among Patients With Stage III Melanoma Randomized to Receive Pembrolizumab or Placebo: A Secondary Analysis of a Randomized Clinical Trial. JAMA oncology* 2020, 6:519-527. **Essen/Düsseldorf**_(24.799)
246. Eggermont Alexander M M, Rutkowski Piotr, Dutriaux Caroline, Hofman-Wellenhof Rainer, Dzwilski Peter, Marples Maria, Grange Floren, Lok Catherine, Pennachioli Elisabetta, Robert Caroline, van Akkooi Alexander C J, Bastholt Lars, Minisini Alessandro, Marshall Ernest, Salès François, Grob Jean-Jacques, Bechter Oliver, Schadendorf Dirk*, Marreaud Sandrine, Kicinski Michal, Suci Stefan, Testori Alessandro A E: *Adjuvant therapy with pegylated interferon-alfa2b vs observation in stage II B/C patients with ulcerated primary: Results of the European Organisation for Research and Treatment of Cancer 18081 randomised trial. European journal of cancer* 2020, 133:94 - 103. **Essen/Düsseldorf**_(7.275)
247. Ehrenfeld Vanessa, Fulda Simone*: *Thioredoxin inhibitor PX-12 induces mitochondria-mediated apoptosis in acute lymphoblastic leukemia cells. Biological chemistry* 2020, 401:273-283. **Frankfurt/Mainz**
248. Ehrenfeld Vanessa, Heusel Jan R, Fulda Simone, van Wijk Sjoerd*: *ATM inhibition enhances Auranofin-induced oxidative stress and cell death in lung cell lines. PLOS ONE* 2020, 15:e0244060

- Frankfurt/Mainz

249. Eichkorn Tanja, Bozorgmehr Farastuk, Regnery Sebastian, Dinges Lisa A, Kudak Andreas*, Bougatf Nina*, Weber Dorothea, Christopoulos Petros, Muley Thomas, Kobinger Sonja, König Laila, Hörner-Rieber Juliane*, Adeberg Sebastian, Heussel Claus Peter, Thomas Michael, Debus Jürgen*, El Shafie Rami A: *Consolidation Immunotherapy After Platinum-Based Chemoradiotherapy in Patients With Unresectable Stage III Non-Small Cell Lung Cancer-Cross-Sectional Study of Eligibility and Administration Rates*. **Frontiers in oncology** 2020, 10:586449. **Heidelberg**
250. El Shafie Rami A, Celik Aylin, Weber Dorothea, Schmitt Daniela, Lang Kristin, König Laila, Bernhardt Denise, Höne Simon, Forster Tobias, von Nettelblatt Bastian, Adeberg Sebastian, Debus Jürgen*, Rieken Stefan: *A matched-pair analysis comparing stereotactic radiosurgery with whole-brain radiotherapy for patients with multiple brain metastases*. **Journal of neuro-oncology** 2020, 147:607-618. **Heidelberg**
251. El Shafie Rami A., Dresel Thorsten, Weber Dorothea, Schmitt Daniela, Lang Kristin, König Laila, Höne Simon, Forster Tobias, von Nettelblatt Bastian, Eichkorn Tanja, Adeberg Sebastian, Debus Jürgen*, Rieken Stefan, Bernhardt Denise: *Stereotactic Cavity Irradiation or Whole-Brain Radiotherapy Following Brain Metastases Resection—Outcome, Prognostic Factors, and Recurrence Patterns*. **Frontiers in oncology** 2020, 10:693. **Heidelberg**
252. El Shafie Rami A, Tonndorf-Martini Eric, Schmitt Daniela, Celik Aylin, Weber Dorothea, Lang Kristin, König Laila, Höne Simon, Forster Tobias, von Nettelblatt Bastian, Adeberg Sebastian, Debus Jürgen*, Rieken Stefan, Bernhardt Denise: *Single-Isocenter Volumetric Modulated Arc Therapy vs. CyberKnife M6 for the Stereotactic Radiosurgery of Multiple Brain Metastases*. **Frontiers in oncology** 2020, 10:568. **Heidelberg**
253. Ellison David W, Aldape Kenneth D, Capper David*, Fouladi Maryam, Gilbert Mark R, Gilbertson Richard J, Hawkins Cynthia, Merchant Thomas, Pajtler Kristian*, Venneti Sriram, Louis David N: *cIMPACT-NOW update 7: advancing the molecular classification of ependymal tumors*. **Brain pathology** 2020, 30:863-866. **Heidelberg**_(5.568)
254. Engel Anna L*, Lorenz Nadja I*, Klann Kevin, Münch Christian, Depner Cornelia, Steinbach Joachim P*, Ronellenfitsch Michael W*, Luger Anna-Luisa*: *Serine-dependent redox homeostasis regulates glioblastoma cell survival*. **British journal of cancer** 2020, 122:1391-1398. **Frankfurt/Mainz**_(5.791)
255. Engel Christoph, Fischer Christine, Zachariae Silke, Bucksch Karolin, Rhiem Kerstin, Giesecke Jutta, Herold Natalie, Wappenschmidt Barbara, Hübbel Verena, Maringa Monika, Reichstein-Gnielinski Simone, Hahnen Eric, Bartram Claus R, Dikow Nicola, Schott Sarah, Speiser Dorothee, Horn Denise, Fallenberg Eva M, Kiechle Marion, Quante Anne S, Vesper Anne-Sophie, Fehm Tanja, Mundhenke Christoph, Arnold Norbert, Leinert Elena, Just Walter, Siebers-Renelt Ulrike, Weigel Stefanie, Gehrig Andrea, Wöckel Achim, Schlegelberger Brigitte, Pertschy Stefanie, Kast Karin*, Wimberger Pauline*, Briest Susanne, Loeffler Markus, Bick Ulrich, Schmutzler Rita K, Cancer German Consortium for Hereditary Breast and Ovarian: *Breast cancer risk in BRCA1/2 mutation carriers and non-carriers under prospective intensified surveillance*. **International journal of cancer** 2020, 146:999-1009. **Berlin**_(5.145)
256. Erarslan-Uysal Büşra, Kunz Joachim B*, Rausch Tobias, Richter-Pechańska Paulina, van Belzen Ianthe Aem, Frismantas Viktoras, Bornhauser Beat, Ordoñez-Rueada Diana, Paulsen Malte, Benes Vladimir, Stanulla Martin, Schrappe Martin, Cario Gunnar, Escherich Gabriele,

- Bakharevich Kseniya, Kirschner-Schwabe Renate, Eckert Cornelia, Loukanov Tsvetomir, Gorenflo Matthias, Waszak Sebastian M, Bourquin Jean-Pierre, Muckenthaler Martina U, Korbel Jan O, Kulozik Andreas E: *Chromatin accessibility landscape of pediatric T-lymphoblastic leukemia and human T-cell precursors*. **EMBO molecular medicine** 2020, 12:e12104. **Heidelberg_(8.821)**
257. Ernst Anne, Hennel Roman, Krombach Julia, Kapfhammer Heidi, Brix Nikko, Zuchtriegel Gabriele, Uhl Bernd, Reichel Christoph A., Frey Benjamin, Gaipf Udo S., Winssinger Nicolas, Shirasawa Senji, Sasazuki Takehiko, Sperandio Markus, Belka Claus*, Lauber Kirsten*: *Priming of Anti-tumor Immune Mechanisms by Radiotherapy Is Augmented by Inhibition of Heat Shock Protein 90*. **Frontiers in oncology** 2020, 10:1668. **München**
258. Escala-Garcia Maria, Abraham Jean, Andrulis Irene L, Anton-Culver Hoda, Arndt Volker*, Ashworth Alan, Auer Paul L, Auvinen Päivi, Beckmann Matthias W, Beesley Jonathan, Behrens Sabine*, Benitez Javier, Bermisheva Marina, Blomqvist Carl, Blot William, Bogdanova Natalia V, Bojesen Stig E, Bolla Manjeet K, Børresen-Dale Anne-Lise, Brauch Hiltrud*, Brenner Hermann*, Brucker Sara Y, Burwinkel Barbara*, Caldas Carlos, Canzian Federico*, Chang-Claude Jenny*, Chanock Stephen J, Chin Suet-Feung, Clarke Christine L, Couch Fergus J, Cox Angela, Cross Simon S, Czene Kamila, Daly Mary B, Dennis Joe, Devilee Peter, Dunn Janet A, Dunning Alison M, Dwek Miriam, Earl Helena M, Eccles Diana M, Eliassen A Heather, Ellberg Carolina, Evans D Gareth, Fasching Peter A, Figueroa Jonine, Flyger Henrik, Gago-Dominguez Manuela, Gapstur Susan M, García-Closas Montserrat, García-Sáenz José A, Gaudet Mia M, George Angela, Giles Graham G, Goldgar David E, González-Neira Anna, Grip Mervi, Guénel Pascal, Guo Qi, Haiman Christopher A, Håkansson Niclas, Hamann Ute*, Harrington Patricia A, Hiller Louise, Hoening Maartje J, Hopper John L, Howell Anthony, Huang Chiun-Sheng, Huang Guanmengqian, Hunter David J, Jakubowska Anna, John Esther M, Kaaks Rudolf*, Kapoor Pooja Middha, Keeman Renske, Kitahara Cari M, Koppert Linetta B, Kraft Peter, Kristensen Vessela N, Lambrechts Diether, Le Marchand Loic, Lejbkowitz Flavio, Lindblom Annika, Lubiński Jan, Mannermaa Arto, Manoochchri Mehdi*, Manoukian Siranoush, Margolin Sara, Martinez Maria Elena, Maurer Tabea, Mavroudis Dimitrios, Meindl Alfons, Milne Roger L, Mulligan Anna Marie, Neuhausen Susan L, Nevanlinna Heli, Newman William G, Olshan Andrew F, Olson Janet E, Olsson Håkan, Orr Nick, Peterlongo Paolo, Petridis Christos, Prentice Ross L, Presneau Nadege, Punie Kevin, Ramachandran Dhanya, Rennert Gad, Romero Atocha, Sachchithananthan Mythily, Saloustros Emmanouil, Sawyer Elinor J, Schmutzler Rita K, Schwentner Lukas, Scott Christopher, Simard Jacques, Sohn Christof, Southey Melissa C, Swerdlow Anthony J, Tamimi Rulla M, Tapper William J, Teixeira Manuel R, Terry Mary Beth, Thorne Heather, Tollenaar Rob A E M, Tomlinson Ian, Troester Melissa A, Truong Thérèse, Turnbull Clare, Vachon Celine M, van der Kolk Lizet E, Wang Qin, Winqvist Robert, Wolk Alicja, Yang Xiaohong R, Ziogas Argyrios, Pharoah Paul D P, Hall Per, Wessels Lodewyk F A, Chenevix-Trench Georgia, Bader Gary D, Dörk Thilo, Easton Douglas F, Canisius Sander, Schmidt Marjanka K: *A network analysis to identify mediators of germline-driven differences in breast cancer prognosis*. **Nature Communications** 2020, 11:312. **Heidelberg_(12.121)**
259. Evans Rhys D. R., Antonelou Marilina, Sathiananthamoorthy Sanchutha, Rega Marilena, Henderson Scott, Ceron-Gutierrez Lourdes, Barcenas-Morales Gabriela, Müller Christoph*, Doffinger Rainer, Walsh Stephen B., Salama Alan D.: *Inherited salt-losing tubulopathies are associated with immunodeficiency due to impaired IL-17 responses*. **Nature Communications** 2020, 11:4368. **Freiburg_(12.121)**
260. Exner Samantha, Schuldt Claudia, Sachindra Sachindra, Du Jing, Heing-Becker Isabelle, Licha Kai, Wiedenmann Bertram, Grötzinger Carsten*: *AGTR1 Is Overexpressed in Neuroendocrine*

*Neoplasms, Regulates Secretion and May Potentially Serve as a Target for Molecular Imaging and Therapy. **Cancers** 2020, 12:3138. **Berlin**_(6.126)*

261. Eyl Ruth Elisa, Koch-Gallenkamp Lena*, Jansen Lina*, Walter Viola*, Carr Prudence R*, Hoffmeister Michael*, Chang-Claude Jenny*, Brenner Hermann*, Arndt Volker*: *Physical activity and long-term quality of life among colorectal cancer survivors - a population-based prospective study. **Cancer Prevention Research** 2020, 13:611-622. **Heidelberg***
262. Fabre Margarete A, McKerrell Thomas, Zwiebel Maximillian*, Vijayabaskar M. S., Park Naomi, Wells Philippa M, Rad Roland*, Deloukas Panagiotis, Small Kerrin, Steves Claire J, Vassiliou George S: *Concordance for clonal hematopoiesis is limited in elderly twins. **Blood** 2020, 135:269 - 273. **München**_(17.543)*
263. Fachal Laura, Aschard Hugues, Beesley Jonathan, Barnes Daniel R, Allen Jamie, Kar Siddhartha, Pooley Karen A, Dennis Joe, Michailidou Kyriaki, Turman Constance, Soucy Penny, Lemaçon Audrey, Lush Michael, Tyrer Jonathan P, Ghoussaini Maya, Marjaneh Mahdi Moradi, Jiang Xia, Agata Simona, Aittomäki Kristiina, Alonso M Rosario, Andrulis Irene L, Anton-Culver Hoda, Antonenkova Natalia N, Arason Adalgeir, Arndt Volker*, Aronson Kristan J, Arun Banu K, Auber Bernd, Auer Paul L, Azzollini Jacopo, Balmaña Judith, Barkardottir Rosa B, Barrowdale Daniel, Beeghly-Fadiel Alicia, Benitez Javier, Bermisheva Marina, Białkowska Katarzyna, Blanco Amie M, Blomqvist Carl, Blot William, Bogdanova Natalia V, Bojesen Stig E, Bolla Manjeet K, Bonanni Bernardo, Borg Ake, Bosse Kristin, Brauch Hiltrud, Brenner Hermann*, Briceno Ignacio, Brock Ian W, Brooks-Wilson Angela, Brüning Thomas, Burwinkel Barbara*, Buys Sandra S, Cai Qiuyin, Caldés Trinidad, Caligo Maria A, Camp Nicola J, Campbell Ian, Canzian Federico*, Carroll Jason S, Carter Brian D, Castela Jose E, Chiquette Jocelyne, Christiansen Hans, Chung Wendy K, Claes Kathleen B M, Clarke Christine L, Collaborators GEMO Study, Collaborators EMBRACE, Collée J Margriet, Cornelissen Sten, Couch Fergus J, Cox Angela, Cross Simon S, Cybulski Cezary, Czene Kamila, Daly Mary B, de la Hoya Miguel, Devilee Peter, Diez Orland, Ding Yuan Chun, Dite Gillian S, Domchek Susan M, Dörk Thilo, Dos-Santos-Silva Isabel, Droit Arnaud, Dubois Stéphane, Dumont Martine, Duran Mercedes, Durcan Lorraine, Dwek Miriam, Eccles Diana M, Engel Christoph, Eriksson Mikael, Evans D Gareth, Fasching Peter A, Fletcher Olivia, Floris Giuseppe, Flyger Henrik, Foretova Lenka, Foulkes William D, Friedman Eitan, Fritschi Lin, Frost Debra, Gabrielson Marika, Gago-Dominguez Manuela, Gambino Gaetana, Ganz Patricia A, Gapstur Susan M, Garber Judy, García-Sáenz José A, Gaudet Mia M, Georgoulas Vassilios, Giles Graham G, Glendon Gord, Godwin Andrew K, Goldberg Mark S, Goldgar David E, González-Neira Anna, Tibiletti Maria Grazia, Greene Mark H, Grip Mervi, Gronwald Jacek, Grundy Anne, Guénel Pascal, Hahnen Eric, Haiman Christopher A, Håkansson Niclas, Hall Per, Hamann Ute*, Harrington Patricia A, Hartikainen Jaana M, Hartman Mikael, He Wei, Healey Catherine S, Heemskerk-Gerritsen Bernadette A M, Heyworth Jane, Hillemanns Peter, Hogervorst Frans B L, Hollestelle Antoinette, Hoening Maartje J, Hopper John L, Howell Anthony, Huang Guanmengqian, Hulick Peter J, Ilyanov Evgeny N, Investigators KConFab, Investigators HEBON, Investigators ABCTB, Isaacs Claudine, Iwasaki Motoki, Jager Agnes, Jakimovska Milena, Jakubowska Anna, James Paul A, Janavicius Ramunas, Jankowitz Rachel C, John Esther M, Johnson Nichola, Jones Michael E, Jukkola-Vuorinen Arja, Jung Audrey*, Kaaks Rudolf*, Kang Daehee, Kapoor Pooja Middha, Karlan Beth Y, Keeman Renske, Kerin Michael J, Khusnutdinova Elza, Kiiski Johanna I, Kirk Judy, Kitahara Cari M, Ko Yon-Dschun, Konstantopoulou Irene, Kosma Veli-Matti, Koutros Stella, Kubelka-Sabit Katerina, Kwong Ava, Kyriacou Kyriacos, Laitman Yael, Lambrechts Diether, Lee Eunjung, Leslie Goska, Lester Jenny, Lesueur Fabienne, Lindblom Annika, Lo Wing-Yee, Long Jirong, Lophatananon Artitaya, Loud Jennifer T, Lubiński Jan, MacInnis Robert J, Maishman Tom,

Makalic Enes, Mannermaa Arto, Manoochehri Mehdi*, Manoukian Siranoush, Margolin Sara, Martinez Maria Elena, Matsuo Keitaro, Maurer Tabea, Mavroudis Dimitrios, Mayes Rebecca, McGuffog Lesley, McLean Catriona, Mebirouk Noura, Meindl Alfons, Miller Austin, Miller Nicola, Montagna Marco, Moreno Fernando, Muir Kenneth, Mulligan Anna Marie, Muñoz-Garzon Victor M, Muranen Taru A, Narod Steven A, Nassir Rami, Nathanson Katherine L, Neuhausen Susan L, Nevanlinna Heli, Neven Patrick, Nielsen Finn C, Nikitina-Zake Liene, Norman Aaron, Offit Kenneth, Olah Edith, Olopade Olufunmilayo I, Olsson Håkan, Orr Nick, Osorio Ana, Pankratz V Shane, Papp Janos, Park Sue K, Park-Simon Tjoung-Won, Parsons Michael T, Paul James, Pedersen Inge Sokilde, Peissel Bernard, Peshkin Beth, Peterlongo Paolo, Peto Julian, Plaseska-Karanfilska Dijana, Prajzendanc Karolina, Prentice Ross, Presneau Nadege, Prokofyeva Darya, Pujana Miquel Angel, Pylkäs Katri, Radice Paolo, Ramus Susan J, Rantala Johanna, Rau-Murthy Rohini, Rennert Gad, Risch Harvey A, Robson Mark, Romero Atocha, Rossing Maria, Saloustros Emmanouil, Sánchez-Herrero Estela, Sandler Dale P, Santamariña Marta, Saunders Christobel, Sawyer Elinor J, Scheuner Maren T, Schmidt Daniel F, Schmutzler Rita K, Schneeweiss Andreas, Schoemaker Minouk J, Schöttker Ben*, Schürmann Peter, Scott Christopher, Scott Rodney J, Senter Leigha, Seynaeve Caroline M, Shah Mitul, Sharma Priyanka, Shen Chen-Yang, Shu Xiao-Ou, Singer Christian F, Slavin Thomas P, Smichkoska Snezhana, Southey Melissa C, Spinelli John J, Spurdle Amanda B, Stone Jennifer, Stoppa-Lyonnet Dominique, Sutter Christian, Swerdlow Anthony J, Tamimi Rulla M, Tan Yen Yen, Tapper William J, Taylor Jack A, Teixeira Manuel R, Tengström Maria, Teo Soo Hwang, Terry Mary Beth, Teulé Alex, Thomassen Mads, Thull Darcy L, Tischkowitz Marc, Toland Amanda E, Tollenaar Rob A E M, Tomlinson Ian, Torres Diana, Torres-Mejía Gabriela, Troester Melissa A, Truong Thérèse, Tung Nadine, Tzardi Maria, Ulmer Hans-Ulrich, Vachon Celine M, van Asperen Christi J, van der Kolk Lizet E, van Rensburg Elizabeth J, Vega Ana, Viel Alessandra, Vijai Joseph, Vogel Maartje J, Wang Qin, Wappenschmidt Barbara, Weinberg Clarice R, Weitzel Jeffrey N, Wendt Camilla, Wildiers Hans, Winqvist Robert, Wolk Alicja, Wu Anna H, Yannoukakos Drakoulis, Zhang Yan, Zheng Wei, Hunter David, Pharoah Paul D P, Chang-Claude Jenny*, García-Closas Montserrat, Schmidt Marjanka K, Milne Roger L, Kristensen Vessela N, French Juliet D, Edwards Stacey L, Antoniou Antonis C, Chenevix-Trench Georgia, Simard Jacques, Easton Douglas F, Kraft Peter, Dunning Alison M, Mari Véronique, Berthet Pascaline, Castera Laurent, Vaur Dominique, Lallaoui Hakima, Bignon Yves-Jean, Uhrhammer Nancy, Bonadona Valérie, Lasset Christine, Révillion Françoise, Vennin Paul, Muller Daniele, Gomes Denise Molina, Ingster Olivier, Coupier Isabelle, Pujol Pascal, Collonge-Rame Marie-Agnès, Mortemousque Isabelle, Bera Odile, Rose Mickaëlle, Baurand Amandine, Bertolone Geoffrey, Faivre Laurence, Dreyfus Hélène, Leroux Dominique, Venat-Bouvet Laurence, Bézieau Stéphane, Delnatte Capucine, Chiesa Jean, Gilbert-Dussardier Brigitte, Gesta Paul, Prieur Fabienne Prieur, Bronner Myriam, Sokolowska Johanna, Coulet Florence, Boutry-Kryza Nadia, Calender Alain, Giraud Sophie, Leone Mélanie, Fert-Ferrer Sandra, Stoppa-Lyonnet Dominique, Jiao Yue, Lesueur Fabienne Lesueur, Mebirouk Noura, Barouk-Simonet Emmanuelle, Bubien Virginie, Longy Michel, Sevenet Nicolas, Gladieff Laurence, Toulas Christine, Reimineras Audrey, Sobol Hagay, Paillerets Brigitte Bressac-de, Cabaret Odile, Caron Olivier, Guillaud-Bataille Marine, Rouleau Etienne, Belotti Muriel, Buecher Bruno, Caputo Sandrine, Colas Chrystelle, Pauw Antoine De, Fourme Emmanuelle, Gauthier-Villars Marion, Golmard Lisa, Moncoutier Virginie, Saule Claire, Donaldson Alan, Murray Alex, Brady Angela, Brewer Carole, Pottinger Caroline, Miller Clare, Gallagher David, Gregory Helen, Cook Jackie, Eason Jacqueline, Adlard Julian, Barwell Julian, Ong Kai-Ren, Snape Katie, Walker Lisa, Izatt Louise, Side Lucy, Tischkowitz Marc, Rogers Mark T, Porteous Mary E, Ahmed Munaza, Morrison Patrick J, Brennan Paul, Eeles Ros, Davidson Rosemarie, Sexton Adrienne, Christian Alice, Trainer Alison, Spigelman Allan, Fellows Andrew, Shelling Andrew, Fazio Anna De, Blackburn Anneke, Crook Ashley, Meiser

Bettina, Patterson Briony, Clarke Christine, Saunders Christobel, Hunt Clare, Scott Clare, Amor David, Marsh Deb, Edkins Edward, Salisbury Elizabeth, Haan Eric, Neidermayr Eveline, Macrea Finlay, Farshid Gelareh, Lindeman Geoff, Trench Georgia, Mann Graham, Giles Graham, Gill Grantley, Thorne Heather, Campbell Ian, Hickie Ian, Winship Ingrid, Flanagan James, Kollias James, Visvader Jane, Stone Jennifer, Taylor Jessica, Burke Jo, Saunus Jodi, Forbes John, Hopper John, Beesley Jonathan, Kirk Judy, French Juliet, Tucker Kathy, Wu Kathy, Phillips Kelly, Lipton Lara, Andrews Leslie, Lobb Lizz, Walker Logan, Kentwell Maira, Spurdle Mandy, Cummings Margaret, Gleeson Margaret, Harris Marion, Jenkins Mark, Young Mary Anne, Delatycki Martin, Wallis Mathew, Burgess Matthew, Price Melanie, Brown Melissa, Southey Melissa, Bogwitz Michael, Field Michael, Friedlander Michael, Gattas Michael, Saleh Mona, Hayward Nick, Pachter Nick, Cohen Paul, Duijf Pascal, James Paul, Simpson Pete, Fong Peter, Butow Phyllis, Williams Rachael, Kefford Rick, Scott Rodney, Milne Roger, Balleine Rosemary, Dawson Sarah-Jane, Lok Sheau, O'Connell Shona, Greening Sian, Nightingale Sophie, Edwards Stacey, Fox Stephen, McLachlan Sue-Anne, Lakhani Sunil, Antill Yolanda, Aalfs Cora, Meijers-Heijboer Hanne, van Engelen Klaartje, Gille Hans, Boere Ingrid, Collée Margriet, van Deurzen Carolien, Hoening Maartje, Obdeijn Inge-Marie, van den Ouweland Ans, Seynaeve Caroline, Siesling Sabine, Verloop Janneke, van Asperen Christi, Devilee Peter, van Cronenburg Twiggy, Blok Rien, de Boer Maaïke, Garcia Encarna Gómez, Adank Muriel, Hogervorst Frans, Jenner Denise, van Leeuwen Flora, Rookus Matti, Russell Nicola, Schmidt Marjanka, van den Belt-Dusebout Sandra, Kets Carolien, Mensenkamp Arjen, de Bock Truuske, van der Hout Annemieke, Mourits Marian, Oosterwijk Jan, Ausems Margreet, Koudijs Marco, Clarke Christine, Marsh Deborah, Scott Rodney, Baxter Robert, Yip Desmond, Carpenter Jane, Davis Alison, Pathmanathan Nirmala, Simpson Peter, Graham Dinny, Sachchithanathan Mythily: *Fine-mapping of 150 breast cancer risk regions identifies 191 likely target genes*. **Nature genetics** 2020, 52:56-73.

Heidelberg_(27.605)

264. Fahr Lisa, Sunami Yoshiaki, Maeritz Nadja, Steiger Katja, Grünewald Thomas G P*, Gericke Martin, Kong Bo, Raulefs Susanne, Mayerle Julia, Michalski Christoph W, Regel Ivonne, Kleeff Jörg: *Expression of the EWSR1-FLI1 fusion oncogene in pancreas cells drives pancreatic atrophy and lipomatosis*. **Pancreatology** 2020, 20:1673-1681. **Heidelberg**
265. Fairless Richard*, Williams Sarah K*, Katiyar Rashmi, Maxeiner Stephan, Schmitz Frank, Diem Ricarda*: *ERG Responses in Mice with Deletion of the Synaptic Ribbon Component RIBEYE*. **Investigative ophthalmology & visual science** 2020, 61:37. **Heidelberg**
266. Falcomatà Chiara*, Schneider Günter*, Saur Dieter Karl Maximilian*: *Personalizing KRAS-Mutant Allele-Specific Therapies*. **Cancer discovery** 2020, 10:23 - 25. **München_(29.497)**
267. Falkenstein Fabian, Gessi Marco, Kandels Daniela, Ng Ho-Keung, Schmidt René, Warmuth-Metz Monika, Bison Brigitte, Krauss Juergen, Kortmann Rolf-Dieter, Timmermann Beate*, Thomale Ulrich-Wilhelm, Albert Michael H, Pekrun Arnulf, Maaß Eberhard, Gnekow Astrid K, Pietsch Torsten: *Prognostic impact of distinct genetic entities in pediatric diffuse glioma WHO-grade II-Report from the German/Swiss SIOP-LGG 2004 cohort*. **International journal of cancer** 2020, 147:2159-2175. **Essen/Düsseldorf_(5.145)**
268. Faller Friderike*, Mein Stewart*, Ackermann Benjamin, Debus Juergen*, Stiller Wolfram, Mairani Andrea*: *Pre-clinical evaluation of dual-layer spectral computed tomography-based stopping power prediction for particle therapy planning at the Heidelberg Ion Beam Therapy Center*. **Physics in medicine and biology** 2020, 65:095007. **Heidelberg**
269. Fan Kaiji*, Gravemeyer Jan*, Ritter Cathrin*, Rasheed Kashif, Gambichler Thilo, Moens Ugo,

- Shuda Masahiro, Schrama David, Becker Jürgen*: *MCPyV Large T antigen induced atonal homolog 1 (ATOH1) is a lineage-dependency oncogene in Merkel cell carcinoma*. **The journal of investigative dermatology** 2020, 140:56-65.e53. **Essen/Düsseldorf**_(7.143)
270. Fan Kaiji*, Zebisch Armin, Horny Kai*, Schrama David, Becker Jürgen C*: *Highly Expressed miR-375 is not an Intracellular Oncogene in Merkel Cell Polyomavirus-Associated Merkel Cell Carcinoma*. **Cancers** 2020, 12:529 **Essen/Düsseldorf**_(6.126)
271. Fang Pan, Ji Yanlong, Silbern Ivan, Doebele Carmen*, Ninov Momchil, Lenz Christof, Oellerich Thomas*, Pan Kuan-Ting, Urlaub Henning: *A streamlined pipeline for multiplexed quantitative site-specific N-glycoproteomics*. **Nature Communications** 2020, 11:5268. **Frankfurt/Mainz**_(12.121)
272. Fanti Stefano, Hadaschik Boris*, Herrmann Ken*: *Proposal for Systemic-Therapy Response-Assessment Criteria at the Time of PSMA PET/CT Imaging: The PSMA PET Progression Criteria*. **Journal of nuclear medicine** 2020, 61:678 - 682. **Essen/Düsseldorf**_(7.887)
273. Farah Maya, Reuben Alexandre, Spassova Ivelina*, Yang Richard K, Kubat Linda*, Nagarajan Priyadharsini, Ning Jing, Li Wen, Aung Phyu P, Curry Jonathan L, Torres-Cabala Carlos A, Hudgens Courtney W, Ugurel Selma, Schadendorf Dirk, Gumbs Curtis, Little Latasha D, Futreal Andrew, Wistuba Ignacio I, Prieto Victor G, Wang Linghua, Wong Michael K, Wargo Jennifer A, Becker Jürgen*, Tetzlaff Michael T: *T-Cell Repertoire in Combination with T-Cell Density Predicts Clinical Outcomes in Patients with Merkel Cell Carcinoma*. **The journal of investigative dermatology** 2020, 140:2146-2156.e2144. **Essen/Düsseldorf**_(7.143)
274. Farolfi Andrea*, Ilhan Harun, Gafita Andrei, Calais Jeremie, Barbato Francesco*, Weber Manuel*, Afshar-Oromieh Ali, Spohn Fabian, Wetter Axel, Rischpler Christoph*, Hadaschik Boris, Pianori Davide, Fanti Stefano, Haberkorn Uwe*, Eiber Matthias, Herrmann Ken*, Fendler Wolfgang Peter*: *Mapping Prostate Cancer Lesions Before and After Unsuccessful Salvage Lymph Node Dissection Using Repeat PSMA PET*. **Journal of nuclear medicine** 2020, 61:1037 - 1042. **Essen/Düsseldorf**_(7.887)
275. Fassbender Thomas Franz, Schiller Florian, Zamboglou Constantinos*, Drendel Vanessa, Kiefer Selina, Jilg Cordula A, Grosu Anca-Ligia*, Mix Michael: *Voxel-based comparison of [68Ga]Ga-RM2-PET/CT and [68Ga]Ga-PSMA-11-PET/CT with histopathology for diagnosis of primary prostate cancer*. **EJNMMI Research** 2020, 10:62. **Freiburg**
276. Fasslrunner Frederick, Stölzel Friedrich, Kramer Michael, Teipel Raphael, Brogsitter Claudia, Morgner Anke, Arndt Claudia, Bachmann Michael*, Hänel Mathias, Röhlig Christoph*, Kotzerke Jörg*, Schetelig Johannes*, Bornhäuser Martin*: *Radioimmunotherapy in combination with reduced-intensity conditioning for allogeneic hematopoietic cell transplantation in patients with advanced multiple myeloma*. **Biology of blood and marrow transplantation** 2020, 26:691-697. **Dresden**
277. Fechter Tobias*, Baltas Dimos*: *One-Shot Learning for Deformable Medical Image Registration and Periodic Motion Tracking*. **IEEE transactions on medical imaging** 2020, 39:2506 - 2517. **Freiburg**_(6.685)
278. Feldmann Anja, Hoffmann Anja, Bergmann Ralf, Koristka Stefanie, Berndt Nicole, Arndt Claudia, Rodrigues Loureiro Liliana, Kittel-Boselli Enrico, Mitwasi Nicola, Kegler Alexandra, Lamprecht Chris, González Soto Karla Elizabeth, Bachmann Michael*: *Versatile chimeric antigen receptor platform for controllable and combinatorial T cell therapy*. **Onc Immunology** 2020, 9:1785608 **Dresden**_(5.869)

279. Feller C., Felix M.*, Weiss T., Herold-Mende C., Zhang F., Kockmann T., Sahm F.*, Aebbersold R., von Deimling A.*, Reuss D. E.*: *Histone epiproteomic profiling distinguishes oligodendroglioma, IDH-mutant and 1p/19q co-deleted from IDH-mutant astrocytoma and reveals less tri-methylation of H3K27 in oligodendrogliomas. Acta neuropathologica* 2020, 139:211-213.
Heidelberg_(14.256)
280. Feng Bohai, Shen Ying, Pastor Xavier*, Bieg Matthias*, Plath Michaela, Ishaque Naveed*, Eils Roland*, Freier Kolja, Weichert Wilko*, Zaoui Karim, Hess Jochen*: *Integrative analysis of multi-omics data identified EGFR and PTGS2 as key nodes in a gene regulatory network related to immune phenotypes in head and neck cancer. Clinical cancer research* 2020, 26:3616-3628.
München_(10.107)
281. Feng Helian, Gusev Alexander, Pasaniuc Bogdan, Wu Lang, Long Jirong, Abu-Full Zomoroda, Aittomäki Kristiina, Andrulis Irene L, Anton-Culver Hoda, Antoniou Antonis C, Arason Adalgeir, Arndt Volker*, Aronson Kristan J, Arun Banu K, Asseryanis Ella, Auer Paul L, Azzollini Jacopo, Balmaña Judith, Barkardottir Rosa B, Barnes Daniel R, Barrowdale Daniel, Beckmann Matthias W, Behrens Sabine*, Benitez Javier, Bermisheva Marina, Białkowska Katarzyna, Blanco Ana, Blomqvist Carl, Boeckx Bram, Bogdanova Natalia V, Bojesen Stig E, Bolla Manjeet K, Bonanni Bernardo, Borg Ake, Brauch Hiltrud, Brenner Hermann*, Briceno Ignacio, Broeks Annegien, Brüning Thomas, Burwinkel Barbara*, Cai Qiuyin, Caldés Trinidad, Caligo Maria A, Campbell Ian, Canisius Sander, Campa Daniele, Carter Brian D, Carter Jonathan, Castelao Jose E, Chang-Claude Jenny*, Chanock Stephen J, Christiansen Hans, Chung Wendy K, Claes Kathleen B M, Clarke Christine L, Collaborators GEMO Study, Collaborators EMBRACE, Collaborators GC-HBOC study, Couch Fergus J, Cox Angela, Cross Simon S, Cybulski Cezary, Czene Kamila, Daly Mary B, de la Hoya Miguel, De Leeneer Kim, Dennis Joe, Devilee Peter, Diez Orland, Domchek Susan M, Dörk Thilo, Dos-Santos-Silva Isabel, Dunning Alison M, Dwek Miriam, Eccles Diana M, Ejlersen Bent, Ellberg Carolina, Engel Christoph, Eriksson Mikael, Fasching Peter A, Fletcher Olivia, Flyger Henrik, Fostira Florentia, Friedman Eitan, Fritschi Lin, Frost Debra, Gabrielson Marika, Ganz Patricia A, Gapstur Susan M, Garber Judy, García-Closas Montserrat, García-Sáenz José A, Gaudet Mia M, Giles Graham G, Glendon Gord, Godwin Andrew K, Goldberg Mark S, Goldgar David E, González-Neira Anna, Greene Mark H, Gronwald Jacek, Guénel Pascal, Haiman Christopher A, Hall Per, Hamann Ute*, Hake Christopher, He Wei, Heyworth Jane, Hogervorst Frans B L, Hollestelle Antoinette, Hoening Maartje J, Hoover Robert N, Hopper John L, Huang Guanmengqian*, Hulick Peter J, Humphreys Keith, Imyanitov Evgeny N, Investigators ABCTB, Investigators HEBON, Investigators BCFR, Investigators OCGN, Isaacs Claudine, Jakimovska Milena, Jakubowska Anna, James Paul, Janavicius Ramunas, Jankowitz Rachel C, John Esther M, Johnson Nichola, Joseph Vijai, Jung Audrey*, Karlan Beth Y, Khusnutdinova Elza, Kiiski Johanna I, Konstantopoulou Irene, Kristensen Vessela N, Laitman Yael, Lambrechts Diether, Lazo Conxi, Leroux Dominique, Leslie Goska, Lester Jenny, Lesueur Fabienne, Lindor Noralane, Lindström Sara, Lo Wing-Yee, Loud Jennifer T, Lubiński Jan, Makalic Enes, Mannermaa Arto, Manooch Mehdi*, Manoukian Siranoush, Margolin Sara, Martens John W M, Martinez Maria E, Matricardi Laura, Maurer Tabea, Mavroudis Dimitrios, McGuffog Lesley, Meindl Alfons, Menon Usha, Michailidou Kyriaki, Kapoor Pooja M, Miller Austin, Montagna Marco, Moreno Fernando, Moserle Lidia, Mulligan Anna M, Muranen Taru A, Nathanson Katherine L, Neuhausen Susan L, Nevanlinna Heli, Nevelsteen Ines, Nielsen Finn C, Nikitina-Zake Liene, Offit Kenneth, Olah Edith, Olopade Olufunmilayo I, Olsson Håkan, Osorio Ana, Papp Janos, Park-Simon Tjoung-Won, Parsons Michael T, Pedersen Inge S, Peixoto Ana, Peterlongo Paolo, Peto Julian, Pharoah Paul D P, Phillips Kelly-Anne, Plaseska-Karanfilska Dijana, Poppe Bruce, Pradhan Nisha, Prajzandanc Karolina, Presneau Nadege, Punie Kevin, Pylkäs Katri, Radice Paolo, Rantala Johanna, Rashid

- Muhammad Usman, Rennert Gad, Risch Harvey A, Robson Mark, Romero Atocha, Saloustros Emmanouil, Sandler Dale P, Santos Catarina, Sawyer Elinor J, Schmidt Marjanka K, Schmidt Daniel F, Schmutzler Rita K, Schoemaker Minouk J, Scott Rodney J, Sharma Priyanka, Shu Xiao-Ou, Simard Jacques, Singer Christian F, Skytte Anne-Bine, Soucy Penny, Southey Melissa C, Spinelli John J, Spurdle Amanda B, Stone Jennifer, Swerdlow Anthony J, Tapper William J, Taylor Jack A, Teixeira Manuel R, Terry Mary Beth, Teulé Alex, Thomassen Mads, Thöne Kathrin, Thull Darcy L, Tischkowitz Marc, Toland Amanda E, Tollenaar Rob A E M, Torres Diana, Truong Thérèse, Tung Nadine, Vachon Celine M, van Asperen Christi J, van den Ouweland Ans M W, van Rensburg Elizabeth J, Vega Ana, Viel Alessandra, Vieira-Balo Paula, Wang Qin, Wappenschmidt Barbara, Weinberg Clarice R, Weitzel Jeffrey N, Wendt Camilla, Winqvist Robert, Yang Xiaohong R, Yannoukakos Drakoulis, Ziogas Argyrios, Milne Roger L, Easton Douglas F, Chenevix-Trench Georgia, Zheng Wei, Kraft Peter, Jiang Xia: *Transcriptome-wide association study of breast cancer risk by estrogen-receptor status*. **Genetic epidemiology** 2020, 44:442-468. **Heidelberg**
282. Ferdinandus Justin, Fendler Wolfgang Peter, Hadaschik Boris*, Herrmann Ken: *Prostate-specific membrane antigen targeted PET imaging for prostate cancer recurrence*. **Current opinion in urology** 2020, 30:nn. **Essen/Düsseldorf**
283. Fernández-Barral Asunción, Costales-Carrera Alba, Buira Sandra P, Jung Peter*, Ferrer-Mayorga Gemma, Larriba María Jesús, Bustamante-Madrid Pilar, Domínguez Orlando, Real Francisco X, Guerra-Pastrián Laura, Lafarga Miguel, García-Olmo Damián, Cantero Ramón, Del Peso Luis, Batlle Eduard, Rojo Federico, Muñoz Alberto, Barbáchano Antonio: *Vitamin D differentially regulates colon stem cells in patient-derived normal and tumor organoids*. **The FEBS journal** 2020, 287:53 - 72. **München**
284. Ferreira Monica Sofia Ventura, Sørensen Mia Dahl, Pusch Stefan*, Beier Dagmar, Bouillon Anne-Sophie, Kristensen Bjarne Winther, Brümmendorf Tim Henrik, Beier Christoph Patrick, Beier Fabian: *Alternative lengthening of telomeres is the major telomere maintenance mechanism in astrocytoma with isocitrate dehydrogenase 1 mutation*. **Journal of neuro-oncology** 2020, 147:1-14. **Heidelberg**
285. Ferstl S., Busse M., Muller M., Kimm M. A., Drecoll E., Burkner T., Allner S., Dierolf M., Pfeiffer D., Rummeny E. J., Weichert W.*., Pfeiffer F.: *Revealing the Microscopic Structure of Human Renal Cell Carcinoma in Three Dimensions*. **IEEE transactions on medical imaging** 2020, 39:1494 - 1500. **München** (6.685)
286. Finke Isabelle*, Behrens Gundula*, Schwettmann Lars, Gerken Michael, Pritzkeleit Ron, Holleczer Bernd, Brenner Hermann*, Jansen Lina*, Group German Cancer Survival Working: *Socioeconomic differences and lung cancer survival in Germany: Investigation based on population-based clinical cancer registration*. **Lung cancer** 2020, 142:1 - 8. **C070, C120, Heidelberg**
287. Finke Isabelle*, Seppä Karri, Malila Nea, Jansen Lina*, Brenner Hermann*, Pitkaniemi Janne: *Educational inequalities and regional variation in colorectal cancer survival in Finland*. **Cancer epidemiology** 2020, 70:101858. **Heidelberg**
288. Fischer Igor, Mijderwijk Hendrik-Jan, Kahlert Ulf D*, Rapp Marion, Sabel Michael, Hänggi Daniel, Steiger Hans-Jakob, Forster Marie-Therese, Kamp Marcel A: *Association between health insurance status and malignant glioma*. **Neuro-oncology practice** 2020, 7:531 - 540. **Essen/Düsseldorf**
289. Fischer Igor, Nickel Ann-Christin, Qin Nan*, Taban Kübra*, Pauck David*, Steiger Hans-Jakob,

- Kamp Marcel, Muhammad Sajjad, Hänggi Daniel, Fritsche Ellen, Remke Marc*, Kahlert Ulf Dietrich: *Different Calculation Strategies Are Congruent in Determining Chemotherapy Resistance of Brain Tumors In Vitro*. **Cells** 2020, 9:2689. **Essen/Düsseldorf**
290. Fischer Johannes, Abels Timo, Özen Ali Caglar*, Echternach Matthias, Richter Bernhard, Bock Michael: *Magnetic resonance imaging of the vocal fold oscillations with sub-millisecond temporal resolution*. **Magnetic resonance in medicine** 2020, 83:403-411. **Freiburg**
291. Fish Kamonwan, Comoglio Federico, Shaffer Arthur L, Ji Yanlong, Pan Kuan-Ting, Scheich Sebastian, Oellerich Angelika, Doebele Carmen, Ikeda Masato, Schaller Samantha J, Nguyen Hang, Muppidi Jagan, Wright George W, Urlaub Henning, Serve Hubert*, Staudt Louis M, Longnecker Richard, Oellerich Thomas*: *Rewiring of B cell receptor signaling by Epstein-Barr virus LMP2A*. **Proceedings of the National Academy of Sciences of the United States of America** 2020, 117:26318-26327. **Frankfurt/Mainz_(9.412)**
292. Fittall Matthew W, Lyskjaer Iben, Ellery Peter, Lombard Patrick, Ijaz Jannat, Strobl Anna-Christina, Oukrif Dahmane, Tarabichi Maxime, Sill Martin*, Koelsche Christian*, Mechttersheimer Gunhild, Demeulemeester Jonas, Tirabosco Roberto, Amary Fernanda, Campbell Peter J, Pfister Stefan*, Jones David T W*, Pillay Nischalan, Van Loo Peter, Behjati Sam, Flanagan Adrienne M: *Drivers underpinning the malignant transformation of giant cell tumour of bone*. **The journal of pathology** 2020, 252:433-440. **Heidelberg_(5.979)**
293. Fleischmann Daniel*, Unterrainer Marcus, Schön Rudolph, Corradini Stefanie, Maihöfer Cornelius, Bartenstein Peter*, Belka Claus*, Albert Nathalie L, Niyazi Maximilian*: *Margin reduction in radiotherapy for glioblastoma through 18F-fluoroethyltyrosine PET? - A recurrence pattern analysis*. **Radiotherapy and oncology** 2020, 145:49 - 55. **München**
294. Fokas Emmanouil*, Glynne-Jones Robert, Appelt Ane, Beets-Tan Regina, Beets Geerard, Haustermans Karin, Marijnen Corrie, Minsky Bruce D, Ludmir Ethan, Quirke Phil, Sebag-Montefiore David, Garcia-Aguilar Julio, Gambacorta Maria Antonietta, Valentini Vincenzo, Buyse Marc, Rödel Claus*: *Outcome measures in multimodal rectal cancer trials*. **The lancet <London> / Oncology** 2020, 21:e252 - e264. **Frankfurt/Mainz_(33.752)**
295. Forster Michael, Liang Xiaojun Julia, Schröder Martin, Gerstenecker Stefan, Chaikuad Apirat, Knapp Stefan*, Laufer Stefan, Gehringer Matthias: *Discovery of a Novel Class of Covalent Dual Inhibitors Targeting the Protein Kinases BMX and BTK*. **International journal of molecular sciences** 2020, 21:9269. **Frankfurt/Mainz**
296. Forster Tobias, Jäkel Cornelia*, Akbaba Sati, Krug David, Krempien Robert, Uhl Matthias, Häfner Matthias Felix, König Laila, Koerber Stefan Alexander, Harrabi Semi, Bernhardt Denise, Behnisch Rouven, Krisam Johannes, Hennigs Andre, Sohn Christof, Heil Jörg, Debus Jürgen*, Hörner-Rieber Juliane*: *Fatigue following radiotherapy of low-risk early breast cancer - a randomized controlled trial of intraoperative electron radiotherapy versus standard hypofractionated whole-breast radiotherapy: the COSMOPOLITAN trial (NCT03838419)*. **Radiation oncology** 2020, 15:134. **Heidelberg**
297. Forster Tobias, Köhler Clara, El Shafie Rami, Weykamp Fabian, König Laila, Arians Nathalie, Adeberg Sebastian*, Michel Laura, Smetanay Katharina, Golatta Michael, Sohn Christof, Heil Jörg*, Schneeweiss Andreas, Debus Jürgen*, Hörner-Rieber Juliane*: *Adjuvant Radiation Therapy for Male Breast Cancer—A Rare Indication?* **Cancers** 2020, 12:3645. **Heidelberg_(6.126)**
298. Forster Tobias, Köhler Clara Victoria Katharina, Debus Jürgen*, Hörner-Rieber Juliane*: *Accelerated Partial Breast Irradiation: A New Standard of Care?* **Breast care** 2020, 15:136 - 147.

Heidelberg

299. Freihen Vivien, Rönsch Kerstin, Mastroianni Justin, Frey Patrick, Rose Katja, Boerries Melanie*, Zeiser Robert, Busch Hauke, Hecht Andreas: *SNAIL1 employs β -Catenin-LEF1 complexes to control colorectal cancer cell invasion and proliferation*. **International journal of cancer** 2020, 146:2229-2242. **Freiburg_(5.145)**
300. Frejno Martin, Meng Chen, Ruprecht Benjamin, Oellerich Thomas*, Scheich Sebastian, Kleigrew Karin, Drecoll Enken, Samaras Patroklos, Högge Alexander, Helm Dominic, Mergner Julia, Zecha Jana, Heinzlmeir Stephanie, Wilhelm Mathias, Dorn Julia, Kvasnicka Hans-Michael, Serve Hubert*, Weichert Wilko*, Kuster Bernhard: *Proteome activity landscapes of tumor cell lines determine drug responses*. **Nature Communications** 2020, 11:3639. **Frankfurt/Mainz, München_(12.121)**
301. Fresnais Margaux*, Haefeli Walter E, Burhenne Jürgen, Longuespée Rémi: *Advances in Clinical Pharmacology: Rapid Detection of Small Molecules in Solid Samples at Atmospheric Pressure Using Desorption Electrospray Ionization*. **OMICS** 2020, 24:53-54. **Heidelberg**
302. Fresnais Margaux*, Haefeli Walter Emil, Burhenne Jürgen, Longuespée Rémi: *Rapid drug detection in whole blood droplets using a DESI static profiling approach - a proof of concept*. **Rapid communications in mass spectrometry** 2020, 34:e8614. **Heidelberg**
303. Fresnais Margaux*, Longuespée Rémi, Sauter Max, Schaller Torsten, Arndt Michaela, Krauss Jürgen, Blank Antje, Haefeli Walter E, Burhenne Jürgen: *Development and Validation of an LC-MS-Based Quantification Assay for New Therapeutic Antibodies: Application to a Novel Therapy against Herpes Simplex Virus*. **ACS omega** 2020, 5:24329 - 24339. **Heidelberg**
304. Fresnais Margaux*, Muck Alexander, Majewsky Marius, Statz Britta*, Krausert Sonja*, Benzel Julia, Castel David, Le Dret Ludivine, Pfister Stefan*, Haefeli Walter E, Burhenne Jürgen, Longuespée Rémi: *Rapid and Sensitive Drug Quantification in Tissue Sections Using Matrix Assisted Laser Desorption Ionization-Ion Mobility-Mass Spectrometry Profiling*. **Journal of the American Society for Mass Spectrometry** 2020, 31:742-751. **Heidelberg**
305. Fresnais Margaux*, Roth André, Foerster Kathrin I, Jäger Dirk, Pfister Stefan M*, Haefeli Walter E, Burhenne Jürgen, Longuespée Rémi: *Rapid and Sensitive Quantification of Osimertinib in Human Plasma Using a Fully Validated MALDI-IM-MS/MS Assay*. **Cancers** 2020, 12:E1897. **Heidelberg_(6.126)**
306. Freund Isabel, Hehlhans Stephanie, Martin Daniel, Ensminger Michael, Fokas Emmanouil*, Rödel Claus*, Löbrich Markus, Rödel Franz*: *Fractionation-Dependent Radiosensitization by Molecular Targeting of Nek1*. **Cells** 2020, 9:1235 **Frankfurt/Mainz**
307. Frew Ian J, Timmers H T Marc*, Schüle Roland, Gratzke Christian: *The complex genetics of epigenetics in urothelial carcinomas*. **Nature reviews / Urology** 2020, 17:655-656. **Freiburg_(11.000)**
308. Frey Patrick, Devisme Antoine, Schrempp Monika, Andrieux Geoffroy*, Boerries Melanie*, Hecht Andreas: *Canonical BMP Signaling Executes Epithelial-Mesenchymal Transition Downstream of SNAIL1*. **Cancers** 2020, 12:1019 **Freiburg_(6.126)**
309. Friedrich Maik, Wiedemann Karolin, Reiche Kristin, Puppel Sven-Holger, Pfeifer Gabriele, Zipfel Ivonne, Binder Stefanie, Köhl Ulrike, Müller Gerd A, Engeland Kurt, Aigner Achim, Füssel Susanne, Fröhner Michael, Peitzsch Claudia*, Dubrovskaya Anna*, Rade Michael, Christ Sabina, Schreiber Stephan, Hackermüller Jörg, Lehmann Jörg, Toma Marieta I, Muders Michael H,

- Sommer Ulrich, Baretton Gustavo B, Wirth Manfred, Horn Friedemann: *The Role of lncRNAs TAPIR-1 and -2 as Diagnostic Markers and Potential Therapeutic Targets in Prostate Cancer*. **Cancers** 2020, 12:1122 **Dresden**_(6.126)
310. Frikkel J., Götte M., Beckmann M., Kasper S., Hense J., Teufel M., Schuler M.*, Tewes M.: *Fatigue, barriers to physical activity and predictors for motivation to exercise in advanced Cancer patients*. **BMC palliative care** 2020, 19:43. **Essen/Düsseldorf**
311. Frisch Anne, Kälin Stefanie, Monk Raymond, Radke Josefine*, Heppner Frank L, Kälin Roland E: *Apelin Controls Angiogenesis-Dependent Glioblastoma Growth*. **International journal of molecular sciences** 2020, 21:4179. **Berlin**
312. Frühwald Michael C, Hasselblatt Martin, Nemes Karolina, Bens Susanne, Steinbügl Mona, Johann Pascal D*, Kerl Kornelius, Hauser Peter, Quiroga Eduardo, Solano-Paez Palma, Biassoni Veronica, Gil-da-Costa Maria Joao, Perek-Polnik Martha, van de Wetering Marianne, Sumerauer David, Pears Jane, Stabell Niklas, Holm Stefan, Hengartner Heinz, Gerber Nicolas U, Grotzer Michael, Boos Joachim, Ebinger Martin, Tippelt Stefan, Paulus Werner, Furtwängler Rhoikos, Hernáiz-Driever Pablo, Reinhard Harald, Rutkowski Stefan, Schlegel Paul-Gerhardt, Schmid Irene, Kortmann Rolf-Dieter, Timmermann Beate, Warmuth-Metz Monika, Kordes Uwe, Gerss Joachim, Nysom Karsten, Schneppenheim Reinhard, Siebert Reiner, Kool Marcel*, Graf Norbert: *Age and DNA-methylation subgroup as potential independent risk factors for treatment stratification in children with Atypical Teratoid/Rhabdoid Tumors (ATRT)*. **Neuro-Oncology** 2020, 22:1006-1017. **Heidelberg**_(10.247)
313. Fuhrmann Dominik C, Mondorf Antonia, Beifuß Josefine, Jung Michaela, Brüne Bernhard*: *Hypoxia inhibits ferritinophagy, increases mitochondrial ferritin, and protects from ferroptosis*. **Redox Biology** 2020, 36:101670 **Frankfurt/Mainz**_(9.986)
314. Funk Tanja, Fuchs Alexander R, Altdörfer Vanessa S, Klein Reinhild, Autenrieth Stella E, Müller Martin R, Salih Helmut R*, Henes Jörg, Grünebach Frank, Dörfel Daniela*: *Monocyte-derived dendritic cells display a highly activated phenotype and altered function in patients with familial Mediterranean fever*. **Clinical and experimental immunology** 2020, 201:1-11. **Tübingen**
315. Gafita Andrei, Fendler Wolfgang P*, Hui Wang, Sandhu Shahneen, Weber Manuel*, Esfandiari Rouzbeh, Calais Jeremie, Rauscher Isabel, Rathke Hendrik, Tauber Robert, Delpassand Ebrahim S, Weber Wolfgang A, Herrmann Ken*, Czernin Johannes, Eiber Matthias, Hofman Michael S: *Efficacy and Safety of 177Lu-labeled Prostate-specific Membrane Antigen Radionuclide Treatment in Patients with Diffuse Bone Marrow Involvement: A Multicenter Retrospective Study*. **European urology** 2020, 78:148 - 154. **Essen/Düsseldorf**_(18,728)
316. Galai Geut, Ben-David Hila, Levin Liron, Orth Martin F, Grünewald Thomas*, Pilosof Shai, Berstein Shimon, Rotblat Barak: *Pan-Cancer Analysis of Mitochondria Chaperone-Client Co-Expression Reveals Chaperone Functional Partitioning*. **Cancers** 2020, 12:825. **Heidelberg**_(6.126)
317. Galldiks Norbert, Kocher Martin, Ceccon Garry, Werner Jan-Michael, Brunn Anna, Deckert Martina, Pope Whitney B, Soffietti Riccardo, Le Rhun Emilie, Weller Michael, Tonn Jörg C*, Fink Gereon R, Langen Karl-Josef: *Imaging challenges of immunotherapy and targeted therapy in patients with brain metastases: response, progression, and pseudoprogression*. **Neuro-Oncology** 2020, 22:17 - 30. **München**_(10.247)
318. Gambichler T., Bünnemann H., Scheel C. H., Bechara F. G., Stücker M.*, Stockfleth E.*, Becker J. C.*: *Does early timing of lymph node surgery after resection of the primary tumour improve the*

- clinical outcome of melanoma patients?* **Clinical and experimental dermatology** 2020, 45:1011-1018. **Essen/Düsseldorf**
319. Gambichler Thilo, Koim Sonja, Wrobel Malwina, Käfferlein Heiko U, Brüning Thomas, Stockfleth Eggert, Becker Jürgen C*, Lang Kerstin: *Expression of Programmed Cell Death Proteins in Kaposi Sarcoma and Cutaneous Angiosarcoma*. **Journal of immunotherapy** 2020, 43:169-174. **Essen/Düsseldorf**
 320. Gambichler Thilo, Reuther Judith, Scheel Christina H, Becker Jürgen*: *On the use of immune checkpoint inhibitors in patients with viral infections including COVID-19*. **Journal for ImmunoTherapy of Cancer** 2020, 8:e001145 -. **Essen/Düsseldorf_(9.913)**
 321. Gambichler Thilo, Reuther Judith, Scheel Christina H, Susok Laura, Kern Peter, Becker Jürgen*: *Cancer and Immune Checkpoint Inhibitor Treatment in the Era of SARS-CoV-2 Infection*. **Cancers** 2020, 12:3383. **Essen/Düsseldorf_(6.126)**
 322. Gambichler T., Schröter U., Höxtermann S., Susok L., Stockfleth E., Becker J. C.*: *Decline of programmed death-1-positive circulating T regulatory cells predicts more favourable clinical outcome of patients with melanoma under immune checkpoint blockade*. **British journal of dermatology** 2020, 182:1214 - 1220. **Essen/Düsseldorf_(7.000)**
 323. Gambichler T., Steuke A-K, Schmitz L., Stockfleth E., Becker J. C.*: *Altered hydroxymethylation in cutaneous squamous cell carcinoma and keratoacanthoma*. **British journal of dermatology** 2020, 183:955-957. **Essen/Düsseldorf_(7.000)**
 324. Gambichler T., Wrobel M., Koim S., Becker J. C. *, Käfferlein H. U., Brüning T., Lang K.: *A study on DNA hydroxymethylation in Kaposi sarcoma and cutaneous angiosarcoma*. **Journal of the European Academy of Dermatology and Venereology** 2020, 34:e785-e787. **Essen/Düsseldorf_(5.248)**
 325. Gandhi Minakshi*, Groß Matthias*, Holler Jessica M, Coggins Si'Ana A, Patil Nitin, Leupold Joerg H, Munschauer Mathias, Schenone Monica, Hartigan Christina R, Allgayer Heike, Kim Baek, Diederichs Sven*: *The lncRNA lincNMR regulates nucleotide metabolism via a YBX1 - RRM2 axis in cancer*. **Nature Communications** 2020, 11:3214. **Freiburg_(12.121)**
 326. Gao Xin*, Wilsgaard Tom, Jansen Eugène H. J. M., Xuan Yang*, Anusruti Ankita*, Brenner Hermann*, Schöttker Ben*: *Serum total thiol levels and the risk of lung, colorectal, breast and prostate cancer: A prospective case-cohort study*. **International journal of cancer** 2020, 146:1261-1267. **Heidelberg_(5.145)**
 327. Gao Xin*, Zhang Yan*, Boakye Daniel*, Li Xiangwei*, Chang-Claude Jenny*, Hoffmeister Michael*, Brenner Hermann*: *Whole blood DNA methylation aging markers predict colorectal cancer survival: a prospective cohort study*. **Clinical epigenetics** 2020, 12:184. **Heidelberg_(5.028)**
 328. Garbe Claus, Keim Ulrike, Suci Stefan, Amaral Teresa, Eigentler Thomas K., Gesierich Anja, Hauschild Axel, Heinzerling Lucie, Kiecker Felix, Schadendorf Dirk*, Stadler Rudolf, Sunderkötter Cord, Tüting Thomas, Utikal Jochen*, Wollina Uwe, Zouboulis Christos C., Keilholz Ulrich, Testori Alessandro, Martus Peter, Leiter Ulrike, Eggermont Alexander M. M.: *Prognosis of Patients With Stage III Melanoma According to American Joint Committee on Cancer Version 8: A Reassessment on the Basis of 3 Independent Stage III Melanoma Cohorts*. **Journal of clinical oncology** 2020, 38:2543 - 2551. **Essen/Düsseldorf_(32.956)**
 329. Gastl Bastian, Klotz-Noack Kathleen*, Klinger Bertram, Ispasanie Sylvia, Salib Krenoula Hani

- Fouad, Zuber Johannes, Mamlouk Soulaifa*, Bublitz Natalie*, Blüthgen Nils, Horst David, Morkel Markus, Schäfer Reinhold*, Sers Christine: *Reduced replication origin licensing selectively kills KRAS-mutant colorectal cancer cells via mitotic catastrophe*. **Cell death & disease** 2020, 11:499. **Berlin**_(6.304)
330. Gauert Anton, Olk Nadine, Pimentel-Gutiérrez Helia*, Astrahantseff Kathy, Jensen Lasse D, Cao Yihai, Eggert Angelika*, Eckert Cornelia*, Hagemann Anja I H: *Fast, In Vivo Model for Drug-Response Prediction in Patients with B-Cell Precursor Acute Lymphoblastic Leukemia*. **Cancers** 2020, 12:1883 **Berlin**_(6.126)
331. Gebhardt Christoffer, Ascierto Paolo, Atkinson Victoria, Corrie Pippa, Dummer Reinhard, Schadendorf Dirk*: *The concepts of rechallenge and retreatment in melanoma: A proposal for consensus definitions*. **European journal of cancer** 2020, 138:68 - 76. **Essen/Düsseldorf**_(7.275)
332. Geijssen Anne J M R, Ulvik Arve, Gigic Biljana, Kok Dieuwertje E, van Duijnhoven Fränzel J B, Holowatyj Andreana N, Brezina Stefanie, van Roekel Eline H, Baierl Andreas, Bergmann Michael M, Böhm Jürgen, Bours Martijn J L, Brenner Hermann*, Breukink Stéphanie O, Bronner Mary P, Chang-Claude Jenny*, de Wilt Johannes H W, Grady William M, Grünberger Thomas, Gumpenberger Tanja, Herpel Esther, Hoffmeister Michael*, Huang Lyen C, Jedrzkiewicz Jolanta D, Keulen Eric T P, Kiblawi Rama, Kölsch Torsten, Koole Janna L, Kosma Katharina, Kouwenhoven Ewout A, Kruijthof Flip M, Kvalheim Gry, Li Christopher I, Lin Tengda, Ose Jennifer, Pickron T Bartley, Scaife Courtney L, Schirmacher Peter, Schneider Martin A, Schrotz-King Petra*, Singer Marie C, Swanson Eric R, van Duijvendijk Peter, van Halteren Henk K, van Zutphen Moniek, Vickers Kathy, Vogelaar F Jeroen, Wesselink Evertine, Habermann Nina, Ulrich Alexis B, Ueland Per M, Weijenberg Matty P, Gsur Andrea, Ulrich Cornelia M, Kampman Ellen: *Circulating Folate and Folic Acid Concentrations: Associations With Colorectal Cancer Recurrence and Survival*. **JNCI cancer spectrum** 2020, 4:pkaa051. **Heidelberg**
333. Geijssen Anne J M R, van Roekel Eline H, van Duijnhoven Fränzel J B, Achaintre David, Bachleitner-Hofmann Thomas, Baierl Andreas, Bergmann Michael M, Boehm Jürgen, Bours Martijn J L, Brenner Hermann*, Breukink Stéphanie O, Brezina Stefanie, Chang-Claude Jenny*, Herpel Esther, de Wilt Johannes H W, Gicquiau Audrey, Gigic Biljana, Gumpenberger Tanja, Hansson Bibi M E, Hoffmeister Michael*, Holowatyj Andreana N, Karner-Hanusch Judith, Keski-Rahkonen Pekka, Keulen Eric T P, Koole Janna L, Leeb Gernot, Ose Jennifer, Schirmacher Peter, Schneider Martin A, Schrotz-King Petra*, Stift Anton, Ulvik Arve, Vogelaar F Jeroen, Wesselink Evertine, van Zutphen Moniek, Gsur Andrea, Habermann Nina, Kampman Ellen, Scalbert Augustin, Ueland Per M, Ulrich Alexis B, Ulrich Cornelia M, Weijenberg Matty P, Kok Dieuwertje E: *Plasma metabolites associated with colorectal cancer stage: Findings from an international consortium*. **International journal of cancer** 2020, 146:3256-3266. **Heidelberg**_(5.145)
334. Gennen Kathrin, Käsmann Lukas*, Taugner Julian, Eze Chukwuka, Karin Monika, Roengvoraphoj Olarn, Neumann Jens, Tufman Amanda, Orth Michael, Reu Simone, Belka Claus*, Manapov Farkhad*: *Prognostic value of PD-L1 expression on tumor cells combined with CD8+ TIL density in patients with locally advanced non-small cell lung cancer treated with concurrent chemoradiotherapy*. **Radiation oncology** 2020, 15:5. **München**
335. Géraud Cyrill, Griewank Klaus G*: *Re: Deep learning outperformed 11 pathologists in the classification of histopathological melanoma images*. **European journal of cancer** 2020, 130:259 - 261. **Essen/Düsseldorf**_(7.275)
336. Gerke Julia S, Orth Martin F, Tolkach Yuri, Romero-Pérez Laura, Wehweck Fabienne S, Stein Stefanie, Musa Julian, Knott Maximilian M L, Hölting Tilman L B, Li Hengjing, Sannino Giuseppina,

- Marchetto Aruna, Ohmura Shunya, Cidre-Aranaz Florencia, Müller-Nurasyid Martina, Strauch Konstantin, Stief Christian, Kristiansen Glen, Kirchner Thomas*, Buchner Alexander, Grünewald Thomas*: *Integrative clinical transcriptome analysis reveals TMPRSS2-ERG dependency of prognostic biomarkers in prostate adenocarcinoma*. **International journal of cancer** 2020, 146:2036-2046. **München_(5.145)**
337. Gerrand Craig, Bate Jessica, Seddon Beatrice, Dirksen Uta*, Randall R Lor, van de Sande Michiel, O'Donnell Paul, Tuckett John, Peake David, Jeys Lee, Saifuddin Asif, Grainger Mel, Whelan Jeremy: *Seeking international consensus on approaches to primary tumour treatment in Ewing sarcoma*. **Clinical Sarcoma Research** 2020, 10:21. **Essen/Düsseldorf**
338. Ghanim Bahil, Rosenmayr Anna, Stockhammer Paul, Vogl Melanie, Celik Ali, Bas Aynur, Kurul Ismail Cuneyt, Akyurek Nalan, Varga Alexander, Plönes Till, Bankfalvi Agnes, Hager Thomas, Schuler Martin*, Hackner Klaus, Errhalt Peter, Scheed Axel, Seebacher Gernot, Hegedus Balazs, Stubenberger Elisabeth, Aigner Clemens: *Tumour cell PD-L1 expression is prognostic in patients with malignant pleural effusion: the impact of C-reactive protein and immune-checkpoint inhibition*. **Scientific reports** 2020, 10:5784. **Essen/Düsseldorf**
339. Ghosh Michael, Gauger Marion, Marcu Ana, Nelde Annika, Denk Monika*, Schuster Heiko, Rammensee Hans-Georg*, Stevanović Stefan*: *Guidance Document: Validation of a High-Performance Liquid Chromatography-Tandem Mass Spectrometry Immunopeptidomics Assay for the Identification of HLA Class I Ligands Suitable for Pharmaceutical Therapies*. **Molecular & cellular proteomics** 2020, 19:432 - 443. **Tübingen**
340. Ghosh Michael, Hartmann Hanna, Jakobi Meike, März Léo, Bichmann Leon, Freudenmann Lena*, Mühlenbruch Lena*, Segan Sören, Rammensee Hans-Georg*, Schneiderhan-Marra Nicole, Shipp Christopher, Stevanović Stefan*, Joos Thomas O: *The Impact of Biomaterial Cell Contact on the Immunopeptidome*. **Frontiers in Bioengineering and Biotechnology** 2020, 8:571294. **Tübingen**
341. Gies Anton*, Niedermaier Tobias*, Weigl Korbinian*, Schrotz-King Petra*, Hoffmeister Michael*, Brenner Hermann*: *Effect of long-term frozen storage and thawing of stool samples on faecal haemoglobin concentration and diagnostic performance of faecal immunochemical tests*. **Clinical chemistry and laboratory medicine** 2020, 58:390-398. **Heidelberg**
342. Giesen Beatriz, Nickel Ann-Christin, Garzón Manjón Alba, Vargas Toscano Andrés, Scheu Christina, Kahlert Ulf Dietrich*, Janiak Christoph: *Influence of synthesis methods on the internalization of fluorescent gold nanoparticles into glioblastoma stem-like cells*. **Journal of inorganic biochemistry** 2020, 203:110952. **Essen/Düsseldorf**
343. Giesen Nicola, Sprute Rosanne, Rührich Maria, Khodamoradi Yascha, Mellinghoff Sibylle C, Beutel Gernot, Lueck Catherina, Koldehoff Michael, Hentrich Marcus, Sandherr Michael, von Bergwelt-Baildon Michael*, Wolf Hans-Heinrich, Hirsch Hans H, Wörmann Bernhard, Cornely Oliver A, Köhler Philipp, Schalk Enrico, von Lilienfeld-Toal Marie: *Evidence-based management of COVID-19 in cancer patients: Guideline by the Infectious Diseases Working Party (AGIHO) of the German Society for Haematology and Medical Oncology (DGHO)*. **European journal of cancer** 2020, 140:86 - 104. **München_(7.275)**
344. Gigic Biljana, Nattenmüller Johanna, Schneider Martin*, Kulu Yakup, Syrjala Karen L, Böhm Jürgen, Schrotz-King Petra*, Brenner Hermann*, Colditz Graham A, Figueiredo Jane C, Grady William M, Li Christopher I, Shibata David, Siegel Erin M, Toriola Adetunji T, Kauczor Hans-Ulrich*, Ulrich Alexis, Ulrich Cornelia M: *The Role of CT-Quantified Body Composition on*

Longitudinal Health-Related Quality of Life in Colorectal Cancer Patients: The Colocare Study.
Nutrients 2020, 12:1247 -. **Heidelberg**

345. Giordano Frank A, Welzel Grit, Siefert Victor, Jahnke Lennart, Ganslandt Thomas, Wenz Frederik, Grosu Anca-Ligia*, Heinemann Felix*, Nicolay Nils*: *Digital Follow-Up and the Perspective of Patient-Centered Care in Oncology: What's the PROblem?* **Oncology** 2020, 98:379 - 385. **Freiburg**
346. Gkika Eleni, Benndorf Matthias, Oerther Benedict, Mohammad Farid, Beitinger Susanne, Adebahr Sonja*, Carles Montserrat, Schimek-Jasch Tanja, Zamboglou Constantinos, Frye Björn C, Bamberg Fabian, Waller Cornelius F, Werner Martin, Grosu Anca L*, Nestle Ursula*, Kayser Gian: *Immunohistochemistry and Radiomic Features for Survival Prediction in Small Cell Lung Cancer.* **Frontiers in oncology** 2020, 10:1161. **Freiburg**
347. Gkika Eleni*, Lenz Stefan, Schimek-Jasch Tanja*, Waller Cornelius F, Kremp Stephanie, Schaefer-Schuler Andrea, Mix Michael, Küsters Andreas, Tosch Marco, Hehr Thomas, Eschmann Susanne Martina, Bultel Yves-Pierre, Hass Peter, Fleckenstein Jochen, Thieme Alexander Henry, Stockinger Marcus, Dieckmann Karin, Miederer Matthias, Holl Gabriele, Rischke Hans Christian, Adebahr Sonja*, König Jochem, Binder Harald, Grosu Anca-Ligia*, Nestle Ursula*: *Efficacy and Toxicity of Different Chemotherapy Protocols for Concurrent Chemoradiation in Non-Small Cell Lung Cancer-A Secondary Analysis of the PET Plan Trial.* **Cancers** 2020, 12:3359 **Freiburg**_(6.126)
348. Glatzer Markus, Faivre-Finn Corinne, De Ruyscher Dirk, Widder Joachim, Van Houtte Paul, Troost Esther G C*, Dahele M. R., Slotman Ben J, Ramella Sara, Pöttgen Christoph, Peeters Stephanie T H, Nestle Ursula, McDonald Fiona, Le Pechoux Cecile, Dziadziuszko Rafal, Belderbos José, Putora Paul M: *Once daily versus twice-daily radiotherapy in the management of limited disease small cell lung cancer - Decision criteria in routine practise.* **Radiotherapy and oncology** 2020, 150:26 - 29. **Dresden**
349. Glud Maria, Willerslev-Olsen Andreas, Gjerdrum Lise Mette Rahbek, Lindahl Lise M, Buus Terkild B, Andersen Mads Hald, Bonefeld Charlotte Menne, Krejsgaard Thorbjorn, Litvinov Ivan V, Iversen Lars, Becker Jürgen C*, Persson Jenny L, Korolov Sergei B, Litman Thomas, Geisler Carsten, Woetmann Anders, Odum Niels: *MicroRNAs in the Pathogenesis, Diagnosis, Prognosis and Targeted Treatment of Cutaneous T-Cell Lymphomas.* **Cancers** 2020, 12:1229. **Essen/Düsseldorf**_(6.126)
350. Göbel Andy*, Rauner Martina*, Hofbauer Lorenz C*, Rachner Tilman D*: *Cholesterol and beyond - The role of the mevalonate pathway in cancer biology.* **Biochimica et biophysica acta / Reviews on cancer** 2020, 1873:188351. **Dresden**_(7.365)
351. Göbel Andy*, Zinna Valentina M, Dell'Endice Stefania, Jaschke Nikolai, Kuhlmann Jan Dominik*, Wimberger Pauline*, Rachner Tilman D*: *Anti-tumor effects of mevalonate pathway inhibition in ovarian cancer.* **BMC cancer** 2020, 20:703. **Dresden**
352. Godavarthy Parimala Sonika, Kumar Rahul, Herkt Stefanie C, Pereira Raquel S, Hayduk Nina, Weissenberger Eva S, Aggoune Djamel, Manavski Yosif, Lucas Tina, Pan Kuan-Ting, Voutsinas Jenna M, Wu Qian, Müller Martin C, Saussele Susanne, Oellerich Thomas*, Oehler Vivian G, Lausen Joern, Krause Daniela S: *The vascular bone marrow niche influences outcome in chronic myeloid leukemia via the E-selectin - SCL/TAL1 - CD44 axis.* **Haematologica** 2020, 105:136 - 147. **Frankfurt/Mainz**_(7.116)
353. Goldbrunner Roland, Weller Michael, Regis Jean, Lund-Johansen Morten, Stavrinou Pantelis, Reuss David, Evans D Gareth, Lefranc Florence, Sallabanda Kita, Falini Andrea, Axon Patrick, Sterkers Olivier, Fariselli Laura, Wick Wolfgang*, Tonn Joerg-Christian*: *EANO guideline on the*

- diagnosis and treatment of vestibular schwannoma. Neuro-Oncology* 2020, 22:31 - 45. **B320, München_(10.247)**
354. Golebiewska Anna, Hau Ann-Christin, Oudin Anaïs, Stieber Daniel, Yabo Yahaya A, Baus Virginie, Barthelemy Vanessa, Klein Eliane, Bougnaud Sébastien, Keunen Olivier, Wantz May, Michelucci Alessandro, Neirinckx Virginie, Muller Arnaud, Kaoma Tony, Nazarov Petr V, Azuaje Francisco, De Falco Alfonso, Flies Ben, Richart Lorraine, Poovathingal Suresh, Arns Thais, Grzyb Kamil, Mock Andreas*, Herold-Mende Christel, Steino Anne, Brown Dennis, May Patrick, Miletic Hrvoje, Malta Tathiane M, Noushmehr Houtan, Kwon Yong-Jun, Jahn Winnie*, Klink Barbara*, Tanner Georgette, Stead Lucy F, Mittelbronn Michel, Skupin Alexander, Hertel Frank, Bjerkvig Rolf, Niclou Simone P: *Patient-derived organoids and orthotopic xenografts of primary and recurrent gliomas represent relevant patient avatars for precision oncology. Acta neuropathologica* 2020, 140:919-949. **Heidelberg, Dresden_(14.256)**
 355. Görte Josephine, Beyreuther Elke, Danen Erik H J, Cordes Nils*: *Comparative Proton and Photon Irradiation Combined with Pharmacological Inhibitors in 3D Pancreatic Cancer Cultures. Cancers* 2020, 12:3216. **Dresden_(6.126)**
 356. Granada Adrián E, Jiménez Alba, Stewart-Ornstein Jacob, Blüthgen Nils*, Reber Simone, Jambhekar Ashwini, Lahav Galit: *The effects of proliferation status and cell cycle phase on the responses of single cells to chemotherapy. Molecular biology of the cell* 2020, 31:845-857. **Berlin**
 357. Gredner Thomas*, Niedermaier Tobias*, Brenner Hermann*, Mons Ute*: *Impact of Tobacco Control Policies on Smoking-Related Cancer Incidence in Germany 2020 to 2050—A Simulation Study. Cancer epidemiology, biomarkers & prevention* 2020, 29:1413 - 1422. **Heidelberg**
 358. Gremke Niklas, Polo Pierfrancesco, Dort Aaron, Schneikert Jean, Elmshäuser Sabrina, Brehm Corinna, Klingmüller Ursula*, Schmitt Anna*, Reinhardt Hans Christian, Timofeev Oleg, Wanzel Michael, Stiewe Thorsten: *mTOR-mediated cancer drug resistance suppresses autophagy and generates a druggable metabolic vulnerability. Nature Communications* 2020, 11:4684. **Essen/Düsseldorf_(12.121)**
 359. Gronbach Leonie, Wolff Christopher, Klinghammer Konrad, Stellmacher Johannes, Jurmeister Philipp, Alexiev Ulrike, Schäfer-Korting Monika, Tinhof Ingeborg*, Keilholz Ulrich, Zoschke Christian: *A multilayered epithelial mucosa model of head neck squamous cell carcinoma for analysis of tumor-microenvironment interactions and drug development. Biomaterials* 2020, 258:120277 **Berlin_(10.317)**
 360. Grondona Paula, Bucher Philip, Schmitt Anja, Schönfeld Caroline, Streibl Barbara, Müller Anne, Essmann Frank, Liberatori Sabrina, Mohammed Shabaz, Hennig André, Kramer Daniela, Schulze-Osthoff Klaus*, Hailfinger Stephan: *Threonine phosphorylation of IκBζ mediates inhibition of selective proinflammatory target genes. The journal of investigative dermatology* 2020, 140:1805-1814.e1806. **Tübingen_(7.143)**
 361. Grosser Bianca, Kohlruss Meike, Slotta-Huspenina Julia, Jesinghaus Moritz, Pfarr Nicole, Steiger Katja, Novotny Alexander, Gaida Matthias M, Schmidt Thomas, Hapfelmeier Alexander, Ott Katja, Weichert Wilko*, Keller Gisela: *Impact of Tumor Localization and Molecular Subtypes on the Prognostic and Predictive Significance of p53 Expression in Gastric Cancer. Cancers* 2020, 12:1689 **München_(6.126)**
 362. Grosu Anca-Ligia*, Frings Lars, Bentsalo Iryna, Oehlke Oliver, Brenner Franziska, Bilger Angelika, Fennell Jamina Tara, Rothe Thomas, Schneider-Fuchs Sabine, Graf Erika, Schmoor Claudia, Beck

- Jürgen, Becker Gerhild, Bock Michael*, Egger Karl, Urbach Horst, Lahmann Claas, Popp Ilinca: *Whole-brain irradiation with hippocampal sparing and dose escalation on metastases: neurocognitive testing and biological imaging (HIPPORAD) - a phase II prospective randomized multicenter trial (NOA-14, ARO 2015-3, DKTK-ROG)*. **BMC cancer** 2020, 20:532. **Freiburg**
363. Group PCAWG Transcriptome Core, Calabrese Claudia, Davidson Natalie R, Demircioğlu Deniz, Fonseca Nuno A, He Yao, Kahles André, Lehmann Kjong-Van, Liu Fenglin, Shiraishi Yuichi, Soulette Cameron M, Urban Lara, Greger Liliana, Li Siliang, Liu Dongbing, Perry Marc D, Xiang Qian, Zhang Fan, Zhang Junjun, Bailey Peter, Erkek Serap, Hoadley Katherine A, Hou Yong, Huska Matthew R, Kilpinen Helena, Korbel Jan O, Marin Maximillian G, Markowski Julia, Nandi Tannistha, Pan-Hammarström Qiang, Pdamallu Chandra Sekhar, Siebert Reiner, Stark Stefan G, Su Hong, Tan Patrick, Waszak Sebastian M, Yung Christina, Zhu Shida, Awadalla Philip, Creighton Chad J, Meyerson Matthew, Ouellette B F Francis, Wu Kui, Yang Huanming, Group PCAWG Transcriptome Working, Brazma Alvis, Brooks Angela N, Göke Jonathan, Rättsch Gunnar, Schwarz Roland F*, Stegle Oliver*, Zhang Zemin, Consortium PCAWG, Calabrese Claudia, Davidson Natalie R, Demircioğlu Deniz, Fonseca Nuno A, He Yao, Kahles André, Lehmann Kjong-Van, Liu Fenglin, Shiraishi Yuichi, Soulette Cameron M, Urban Lara, Fonseca Nuno A, Kahles André, Lehmann Kjong-Van, Urban Lara, Soulette Cameron M, Shiraishi Yuichi, Liu Fenglin, He Yao, Demircioğlu Deniz, Davidson Natalie R, Calabrese Claudia, Zhang Junjun, Perry Marc D, Xiang Qian, Greger Liliana, Li Siliang, Liu Dongbing, Stark Stefan G, Zhang Fan, Amin Samirkumar B, Bailey Peter, Chateigner Aurélien, Cortés-Ciriano Isidro, Craft Brian, Erkek Serap, Frenkel-Morgenstern Milana, Goldman Mary, Hoadley Katherine A, Hou Yong, Huska Matthew R, Khurana Ekta, Kilpinen Helena, Korbel Jan O, Lamaze Fabien C, Li Chang, Li Xiaobo, Li Xinyue, Liu Xingmin, Marin Maximillian G, Markowski Julia, Nandi Tannistha, Nielsen Morten M, Ojesina Akinyemi I, Pan-Hammarström Qiang, Park Peter J, Pdamallu Chandra Sekhar, Pedersen Jakob S, Siebert Reiner, Su Hong, Tan Patrick, Teh Bin Tean, Wang Jian, Waszak Sebastian M, Xiong Heng, Yakneen Sergei, Ye Chen, Yung Christina, Zhang Xiuqing, Zheng Liangtao, Zhu Jingchun, Zhu Shida, Awadalla Philip, Creighton Chad J, Meyerson Matthew, Ouellette B F Francis, Wu Kui, Yang Huanming, Göke Jonathan, Schwarz Roland F, Stegle Oliver*, Zhang Zemin, Brazma Alvis, Rättsch Gunnar, Brooks Angela N: *Genomic basis for RNA alterations in cancer*. **Nature <London>** 2020, 578:129 - 136. **Berlin**_(42.778)
364. Gruner Laura*, Hoffmeister Michael*, Ludwig Leopold, Brenner Hermann*: *Effect of Various Invitation Schemes on the Use of Fecal Immunochemical Tests for Colorectal Cancer Screening: Protocol for a Randomized Controlled Trial*. **Journal of medical internet research** 2020, 9:e16413. **Heidelberg**_(5.034)
365. Gruner Laura*, Hoffmeister Michael*, Ludwig Leopold, Meny Stefan, Brenner Hermann*: *The Effects of Differing Invitation Models on the Uptake of Immunological Fecal Occult Blood Testing*. **Deutsches Ärzteblatt international** 2020, 117:423-430. **Heidelberg**
366. Gu Muxin, Zwiebel Maximillian*, Ong Swee Hoe, Boughton Nick, Nomdedeu Josep, Basheer Faisal, Nannya Yasuhito, Quiros Pedro M, Ogawa Seishi, Cazzola Mario, Rad Roland*, Butler Adam P, Vijayabaskar M. S., Vassiliou George S: *RNAmut: robust identification of somatic mutations in acute myeloid leukemia using RNA-sequencing*. **Haematologica** 2020, 105:e290 - e293. **München**_(7.116)
367. Guan Zhong*, Raut Janhavi R*, Weigl Korbinian*, Schöttker Ben*, Holleczer Bernd, Zhang Yan*, Brenner Hermann*: *Individual and joint performance of DNA methylation profiles, genetic risk scores and environmental risk scores for predicting breast cancer risk*. **Molecular oncology** 2020, 14:42-53. **Heidelberg**_(6.574)

368. Guberina Nika, Gäckler Anja, Grueneisen Johannes, Wetter Axel, Witzke Oliver, Herrmann Ken*, Rischpler Christoph, Fendler Wolfgang, Umutlu Lale, Sawicki Lino Morris, Forsting Michael, Rohn Hana: *Assessment of Suspected Malignancy or Infection in Immunocompromised Patients After Solid Organ Transplantation by [18F]FDG PET/CT and [18F]FDG PET/MRI*. **Nuclear medicine and molecular imaging** 2020, 54:183 - 191. **Essen/Düsseldorf**
369. Guberina N., Pöttgen C., Kebir Sied*, Lazaridis L., Scharmberg C., Lübcke W., Niessen M., Guberina M., Scheffler Björn*, Jendrosseck V., Jabbarli R., Pierscianek D., Sure U., Keller Tatjana*, Oster C., Hau P., Grosu A. L., Stuschke M. *, Glas Martin*, Nour Y., Lüdemann L.: *Combined radiotherapy and concurrent tumor treating fields (TTFields) for glioblastoma: Dosimetric consequences on non-coplanar IMRT as initial results from a phase I trial*. **Radiation oncology** 2020, 15:83. **Essen/Düsseldorf, Freiburg**
370. Guberina Nika, Pöttgen Christoph, Schuler Martin*, Guberina Maja, Stamatis Georgios, Plönes Till, Krebs Bettina, Metzenmacher Martin, Theegarten Dirk, Gauler Thomas, Jöckel Karl-Heinz, Darwiche Kaid, Aigner Clemens*, Stuschke Martin*, Eberhardt Wilfried E: *Comparison of early tumour-associated versus late deaths in patients with central or >7 cm T4 N0/1 M0 non-small-cell lung-cancer undergoing trimodal treatment: Only few risks left to improve*. **European journal of cancer** 2020, 138:156 - 168. **Essen/Düsseldorf_(7.275)**
371. Guenther Michael, Haas Michael, Heinemann Volker*, Kruger Stephan, Westphalen Christoph Benedikt, von Bergwelt-Baildon Michael*, Mayerle Julia, Werner Jens, Kirchner Thomas*, Boeck Stefan*, Ormanns Steffen: *Bacterial lipopolysaccharide as negative predictor of gemcitabine efficacy in advanced pancreatic cancer - translational results from the AIO-PK0104 Phase 3 study*. **British journal of cancer** 2020, 123:1370-1376. **München_(5.791)**
372. Guenzle Jessica, Akasaka Harue, Joechle Katharina, Reichardt Wilfried*, Venkatasamy Aina, Hoepfner Jens, Hellerbrand Claus, Fichtner-Feigl Stefan, Lang Sven A: *Pharmacological Inhibition of mTORC2 Reduces Migration and Metastasis in Melanoma*. **International journal of molecular sciences** 2020, 22:30. **Freiburg**
373. Güllü Belma Nazli*, Kobelt Dennis*, Brim Hassan, Rahman Shaman, Timm Lena, Smith Janice, Soleimani Akbar, Di Marco Stefano, Bisti Silvia, Ashktorab Hassan, Stein Ulrike*: *Saffron Crudes and Compounds Restrict MACC1-Dependent Cell Proliferation and Migration of Colorectal Cancer Cells*. **Cells** 2020, 9:1829 -. **Berlin**
374. Guo Dan, Föll Melanie Christine, Volkmann Veronika, Enderle-Ammour Kathrin, Bronsert Peter*, Schilling Oliver, Vitek Olga: *Deep multiple instance learning classifies subtissue locations in mass spectrometry images from tissue-level annotations*. **Bioinformatics** 2020, 36:i300 - i308. **Freiburg_(5.610)**
375. Guo Feng*, Chen Chen*, Schöttker Ben*, Holleczer Bernd, Hoffmeister Michael*, Brenner Hermann*: *Changes in colorectal cancer screening use after introduction of alternative screening offer in Germany: Prospective cohort study*. **International journal of cancer** 2020, 146:2423-2432. **Heidelberg_(5.145)**
376. Guo Feng*, De Brabander Isabel, Francart Julie, Candeur Michel, Polus Marc, Van Eycken Liesbet, Brenner Hermann*: *Benefits of switching from guaiac-based faecal occult blood to faecal immunochemical testing: experience from the Wallonia-Brussels colorectal cancer screening programme*. **British journal of cancer** 2020, 122:1109-1117. **Heidelberg_(5.791)**
377. Guo Feng*, Weigl Korbinian*, Carr Prudence Rose*, Heisser Thomas*, Jansen Lina*, Knebel Philip, Chang-Claude Jenny*, Hoffmeister Michael*, Brenner Hermann*: *Use of Polygenic Risk*

- Scores to Select Screening Intervals After Negative Findings From Colonoscopy. Clinical gastroenterology and hepatology* 2020, 18:2742 - 2751.e2747. **Heidelberg**_(8.549)
378. Gurtner Kristin*, Kryzmien Zofia, Koi Lydia, Wang Meng, Benes Cyril H., Hering Sandra, Willers Henning, Baumann Michael*, Krause Mechthild*: *Radioresistance of KRAS/TP53-mutated lung cancer can be overcome by radiation dose escalation or EGFR tyrosine kinase inhibition in vivo. International journal of cancer* 2020, 147:472-477. **Dresden**_(5.145)
379. Hadi Indrawati, Roengvoraphoj Olarn, Bodensohn Raphael, Hofmaier Jan, Niyazi Maximilian*, Belka Claus*, Nachbichler Silke Birgit: *Stereotactic radiosurgery combined with targeted/ immunotherapy in patients with melanoma brain metastasis. Radiation oncology* 2020, 15:37. **München**
380. Haehl Erik*, Rühle Alexander*, David Hélène*, Kalckreuth Tobias*, Sprave Tanja*, Stoian Raluca*, Becker Christoph, Knopf Andreas, Grosu Anca-Ligia*, Nicolay Nils*: *Radiotherapy for geriatric head-and-neck cancer patients: what is the value of standard treatment in the elderly? Radiation oncology* 2020, 15:31. **Freiburg**
381. Haen Sebastian P*, Löffler Markus W*, Rammensee Hans-Georg*, Brossart Peter: *Towards new horizons: characterization, classification and implications of the tumour antigenic repertoire. Nature reviews / Clinical oncology* 2020, 17:595-610. **Tübingen**_(53.276)
382. Hahn C., Eulitz J., Peters N., Wohlfahrt P., Enghardt W., Richter C., Lühr A.: *Impact of range uncertainty on clinical distributions of linear energy transfer and biological effectiveness in proton therapy. Med Phys* 2020, 47:6151-6162. **Dresden**
383. Hämälistö Saara, Stahl Jonathan Lucien, Favaro Elena, Yang Qing, Liu Bin, Christoffersen Line, Loos Ben, Guasch Boldú Claudia, Joyce Johanna A, Reinheckel Thomas*, Barisic Marin, Jäättelä Marja: *Spatially and temporally defined lysosomal leakage facilitates mitotic chromosome segregation. Nature Communications* 2020, 11:229. **Freiburg**_(12.121)
384. Hamarsheh Shaima'a, Groß Olaf, Brummer Tilman*, Zeiser Robert*: *Immune modulatory effects of oncogenic KRAS in cancer. Nature Communications* 2020, 11:5439. **Freiburg**_(12.121)
385. Hamarsheh Shaima'a, Osswald Lena, Saller Benedikt S, Unger Susanne, De Feo Donatella, Vinnakota Janaki Manoja, Konantz Martina, Uhl Franziska M, Becker Heiko, Lübbert Michael, Shoumariyeh Khalid, Schürch Christoph, Andrieux Geoffroy, Venhoff Nils, Schmitt-Graeff Annette, Duquesne Sandra, Pfeifer Dietmar, Cooper Matthew A, Lengerke Claudia, Boerries Melanie*, Duyster Justus*, Niemeyer Charlotte M*, Erlacher Miriam*, Blazar Bruce R, Becher Burkard, Groß Olaf, Brummer Tilman*, Zeiser Robert*: *Oncogenic KrasG12D causes myeloproliferation via NLRP3 inflammasome activation. Nature Communications* 2020, 11:1659. **Freiburg**_(12.121)
386. Hamarsheh Shaima'a, Zeiser Robert*: *NLRP3 Inflammasome Activation in Cancer: A Double-Edged Sword. Frontiers in immunology* 2020, 11:1444. **Freiburg**_(5.085)
387. Han Yingying, Huard Arnaud, Mora Javier, da Silva Priscila, Brüne Bernhard*, Weigert Andreas*: *IL-36 family cytokines in protective versus destructive inflammation. Cellular signalling* 2020, 75:109773 **Frankfurt/Mainz**
388. Hao Qinyu, Zong Xinying, Sun Qinyu, Lin Yo-Chuen, Song You Jin, Hashemikhabir Seyedsasan, Hsu Rosaline Yc, Kamran Mohammad, Chaudhary Ritu, Tripathi Vidisha, Singh Deepak Kumar, Chakraborty Arindam, Li Xiao Ling, Kim Yoon Jung, Orjalo Arturo V, Polycarpou-Schwarz Maria*, Moriarity Branden S, Jenkins Lisa M, Johansson Hans E, Zhu Yuelin J, Diederichs Sven*, Bagchi

- Anindya, Kim Tae Hoon, Janga Sarath C, Lal Ashish, Prasanth Supriya G, Prasanth Kannanganattu V: *The S-phase-induced lncRNA SUNO1 promotes cell proliferation by controlling YAP1/Hippo signaling pathway*. **eLife** 2020, 9:e55102. **Freiburg**_(7.080)
389. Hartmann Laura*, Schröter Philipp*, Osen Wolfram*, Baumann Daniel*, Offringa Rienk*, Moustafa Mahmoud*, Will Rainer*, Debus Jürgen*, Brons Stephan, Rieken Stefan, Eichmüller Stefan*: *Photon versus carbon ion irradiation: immunomodulatory effects exerted on murine tumor cell lines*. **Scientific reports** 2020, 10:21517. **Heidelberg**
390. Hasselblatt Martin, Thomas Christian, Nemes Karolina, Monoranu Camelia-Maria, Riemenschneider Markus J, Koch Arend, Sumerauer David, Hauser Peter, Paulus Werner, Johann Pascal*, Kool Marcel*, Frühwald Michael C: *Tyrosinase immunohistochemistry can be employed for the diagnosis of atypical teratoid/rhabdoid tumours of the tyrosinase subgroup (ATRT-TYR)*. **Neuropathology & applied neurobiology** 2020, 46:186-189. **Heidelberg**_(7.500)
391. Hattab Georges*, Ahlfeld Tilman, Klimova Anna*, Koepp Alexander, Schuerer Michael, Speidel Stefanie: *Uniaxial compression testing and Cauchy stress modeling to design anatomical silicone replicas*. **Scientific reports** 2020, 10:11849. **Dresden**
392. Hatzioannou Aikaterini, Banos Aggelos, Sakelaropoulos Theodore, Fedonidis Constantinos, Vidali Maria-Sophia, Köhne Maren, Händler Kristian, Boon Louis, Henriques Ana, Koliarakis Vasiliki, Georgiadis Panagiotis, Zoidakis Jerome, Termentzi Aikaterini, Beyer Marc, Chavakis Triantafyllos*, Boumpas Dimitrios, Tsigiris Aristotelis, Verginis Panayotis: *An intrinsic role of IL-33 in Treg cell-mediated tumor immunoevasion*. **Nature immunology** 2020, 21:75 - 85. **Dresden**_(20.479)
393. Hauer Julia, Fischer Ute, Auer Franziska*, Borkhardt Arndt: *Regional BCG vaccination policy in former East- and West Germany may impact on both severity of SARS-CoV-2 and incidence of childhood leukemia*. **Leukemia** 2020, 34:2217-2219. **Dresden**_(8.665)
394. Hauschild Axel, Ascierto Paolo A, Schadendorf Dirk*, Grob Jean Jacques, Ribas Antoni, Kiecker Felix, Dutriaux Caroline, Demidov Lev V, Lebbé Céleste, Rutkowski Piotr, Blank Christian U, Gutzmer Ralf, Millward Michael, Kefford Richard, Haas Tomas, D'Amelio Anthony, Gasal Eduard, Mookerjee Bijoyesh, Chapman Paul B: *Long-term outcomes in patients with BRAF V600-mutant metastatic melanoma receiving dabrafenib monotherapy: Analysis from phase 2 and 3 clinical trials*. **European journal of cancer** 2020, 125:114 - 120. **Essen/Düsseldorf**_(7.275)
395. Haydn Tinka, Kehr Sarah, Willmann Dominica, Metzger Eric, Schüle Roland, Fulda Simone*: *Next-generation sequencing reveals a novel role of lysine-specific demethylase 1 in adhesion of rhabdomyosarcoma cells*. **International journal of cancer** 2020, 146:3435-3449. **Frankfurt/Mainz**_(5.145)
396. Hayward Steven, Gachehiladze Mariam, Badr Nahla, Andrijes Regina, Molostvov Guerman, Paniushkina Liliia, Sopikova Barbora, Slobodová Zuzana, Mgebrishvili Giorgi, Sharma Nisha, Horimoto Yoshiya, Burg Dominic, Robertson Graham, Hanby Andrew, Hoar Fiona, Rea Daniel, Eckhardt Bedrich L, Ueno Naoto T, Nazarenko Irina*, Long Heather M, van Laere Steven, Shaaban Abeer M, Berdichevski Fedor: *The CD151-midkine pathway regulates the immune microenvironment in inflammatory breast cancer*. **The journal of pathology** 2020, 251:63-73. **Freiburg**_(5.979)
397. Hegde Meenakshi, Joseph Sujith K, Pashankar Farzana, DeRenzo Christopher, Sanber Khaled, Navai Shoba, Byrd Tiara T, Hicks John, Xu Mina L, Gerken Claudia, Kalra Mamta, Robertson Catherine, Zhang Huimin, Shree Ankita, Mehta Birju, Dakhova Olga, Salsman Vita S, Grilley

- Bambi, Gee Adrian, Dotti Gianpietro, Heslop Helen E, Brenner Malcolm K, Wels Winfried S*, Gottschalk Stephen, Ahmed Nabil: *Tumor response and endogenous immune reactivity after administration of HER2 CAR T cells in a child with metastatic rhabdomyosarcoma*. **Nature Communications** 2020, 11:3549. **Frankfurt/Mainz_(12.121)**
398. Heichler Christina, Scheibe Kristina, Schmied Anabel, Geppert Carol I, Schmid Benjamin, Wirtz Stefan, Thoma Oana-Maria, Kramer Viktoria, Waldner Maximilian J, Büttner Christian, Farin Henner F*, Pešić Marina, Knieling Ferdinand, Merkel Susanne, Grüneboom Anika, Gunzer Matthias, Grützmann Robert, Rose-John Stefan, Koralov Sergei B, Kollias George, Vieth Michael, Hartmann Arndt, Greten Florian R, Neurath Markus F, Neufert Clemens: *STAT3 activation through IL-6/IL-11 in cancer-associated fibroblasts promotes colorectal tumour development and correlates with poor prognosis*. **Gut** 2020, 69:1269 - 1282. **Frankfurt/Mainz_(19.819)**
399. Heidler Christopher L, Roth Eva K, Thiemann Markus, Blattmann Claudia*, Lopez Perez Ramon*, Huber Peter E*, Kovac Michal, Amthor Beate, Neu-Yilik Gabriele, Kulozik Andreas E: *Prexasertib (LY2606368) reduces clonogenic survival by inducing apoptosis in primary patient-derived osteosarcoma cells and synergizes with cisplatin and talazoparib*. **International journal of cancer** 2020, 147:1059-1070. **Heidelberg_(5.145)**
400. Heidt Timo, Reiss Simon, Lottner Thomas, Özen Ali C*, Bode Christoph, Bock Michael, von Zur Mühlen Constantin: *Magnetic resonance imaging for pathobiological assessment and interventional treatment of the coronary arteries*. **European heart journal** 2020, 22:C46 - C56. **Freiburg_(22.673)**
401. Heilig Christoph*, Horak Peter*, Lipka Daniel B.*, Mock Andreas*, Uhrig Sebastian*, Kreutzfeldt Simon*, Richter Susan, Gieldon Laura, Fröhlich Martina*, Hutter Barbara*, Hübschmann Daniel*, Teleanu Veronica*, Schmier Johann-Wilhelm, Philipzen Johannes, Beuthien-Baumann Bettina*, Schröck Evelin*, Deimling Andreas*, Bauer Sebastian*, Heining Christoph*, Mechtersheimer Gunhild, Stenzinger Albrecht*, Brors Benedikt*, Wardelmann Eva, Glimm Hanno*, Hartmann Wolfgang, Fröhling Stefan*: *Germline SDHB -inactivating mutation in gastric spindle cell sarcoma*. **Genes, chromosomes & cancer** 2020, 59:601-608. **Heidelberg, Dresden, Essen/Düsseldorf**
402. Heilig Christoph E*, Badoglio Manuela, Labopin Myriam, Fröhling Stefan*, Secondino Simona, Heinz Jürgen, Nicolas-Virelizier Emmanuelle, Blaise Didier, Korenbaum Clément, Santoro Armando, Verbeek Mareike, Krüger William, Siena Salvatore, Passweg Jakob R, Di Nicola Massimo, Rifón Jose, Dreger Peter, Koehl Ulrike, Chabannon Christian, Pedrazzoli Paolo, Transplantation European Society for Blood and Marrow: *Haematopoietic stem cell transplantation in adult soft-tissue sarcoma: an analysis from the European Society for Blood and Marrow Transplantation*. **ESMO open** 2020, 5:e000860. **Heidelberg_(5.329)**
403. Heisser Thomas*, Guo Feng*, Niedermaier Tobias*, Holleczer Bernd*, Hoffmeister Michael*, Brenner Hermann*: *Low Risk of Advanced Neoplasms for up to 20 Years after Negative Colonoscopy: Potential for Personalized Follow-up Screening Intervals*. **Gastroenterology** 2020, 159:2235-2237.e2234. **Heidelberg_(17.373)**
404. Heisser Thomas*, Weigl Korbinian*, Hoffmeister Michael*, Brenner Hermann*: *Age-specific sequence of colorectal cancer screening options in Germany: A model-based critical evaluation*. **PLoS medicine** 2020, 17:e1003194 - . **Heidelberg_(10.500)**
405. Heitmann Jonas S*, Hagelstein Ilona*, Hinterleitner Clemens, Osburg Lukas*, Salih Helmut*, Kauer Joseph*, Märklin Melanie*: *Fc gamma receptor expression serves as prognostic and*

- diagnostic factor in AML. Leukemia and lymphoma* 2020, 61:2466-2474. **Tübingen**
406. Heitmann Jonas S*, Hagelstein Ilona*, Hinterleitner Clemens, Roerden Malte, Jung Gundram*, Salih Helmut*, Märklin Melanie*, Kauer Joseph*: *Identification of CD318 (CD31) as novel prognostic marker in AML. Annals of hematology* 2020, 99:477-486. **Tübingen**
 407. Heitmann Jonas S*, Märklin Melanie*, Truckenmüller Felicia M, Hinterleitner Clemens, Dörfel Daniela, Haap Michael, Kopp Hans-Georg, Wirths Stefan, Müller Martin: *A novel flow cytometry-based assay to measure compromised B cell receptor signaling as a prognostic factor in chronic lymphocytic leukemia. Journal of leukocyte biology* 2020, 108:1851-1857. **Tübingen**
 408. Heitmann Jonas S*, Walz Juliane S*, Pflügler Martin*, Kauer Joseph, Schlenk Richard F*, Jung Gundram, Salih Helmut*: *Protocol of a prospective, multicentre phase I study to evaluate the safety, tolerability and preliminary efficacy of the bispecific PSMAxCD3 antibody CC-1 in patients with castration-resistant prostate carcinoma. BMJ open* 2020, 10:e039639. **Tübingen**
 409. Held Thomas, Lang Kristin, Regnery Sebastian, Weusthof Katharina, Hommertgen Adriane, Jäkel Cornelia, Tonndorf-Martini Eric, Krisam Johannes, Plinkert Peter, Zaoui Karim, Freudlsperger Christian, Moratin Julius, Krauss Jürgen, Harrabi Semi B*, Herfarth Klaus*, Debus Jürgen*, Adeberg Sebastian*: *Carbon ion reirradiation compared to intensity-modulated re-radiotherapy for recurrent head and neck cancer (CARE): a randomized controlled trial. Radiation oncology* 2020, 15:190. **Heidelberg**
 410. Helmsauer Konstantin, Valieva Maria E, Ali Salaheddine, Chamorro González Rocío, Schöpflin Robert, Röefzaad Claudia, Bei Yi, Dorado Garcia Heathcliff, Rodriguez-Fos Elias, Puiggròs Montserrat, Kasack Katharina*, Haase Kerstin, Keskeny Csilla*, Chen Celine Y, Kuschel Luis P, Euskirchen Philipp*, Heinrich Verena, Robson Michael I, Rosswog Carolina, Toedling Joern, Szymansky Annabell, Hertwig Falk, Fischer Matthias, Torrents David, Eggert Angelika*, Schulte Johannes*, Mundlos Stefan, Henssen Anton G*, Koche Richard P: *Enhancer hijacking determines extrachromosomal circular MYCN amplicon architecture in neuroblastoma. Nature Communications* 2020, 11:5823. **Berlin_(12.121)**
 411. Hemminki Kari*, Srivastava Aayushi*, Rachakonda Sivaramakrishna*, Bandapalli Obul*, Nagore Eduardo, Hemminki Akseli, Kumar Rajiv*: *Informing patients about their mutation tests: CDKN2A c.256G>A in melanoma as an example. Hereditary cancer in clinical practice* 2020, 18:15. **Heidelberg**
 412. Hemstock Matthew, Amadi Adenike, Kupas Katrin, Roskell Neil, Kotapati Srividya, Gooden Kyna, Middleton Mark R, Schadendorf Dirk*: *Indirect treatment comparison of nivolumab versus placebo for the adjuvant treatment of melanoma. European journal of cancer* 2020, 132:176 - 186. **Essen/Düsseldorf_(7.275)**
 413. Heppt Markus V, Leiter Ulrike, Steeb Theresa, Amaral Teresa, Bauer Andrea, Becker Jürgen C*, Breitbart Eckhard, Breuninger Helmut, Diepgen Thomas, Dirschka Thomas, Eigentler Thomas, Flaig Michael, Follmann Markus, Fritz Klaus, Greinert Rüdiger, Gutzmer Ralf, Hillen Uwe, Ihrler Stephan, John Swen Malte, Kölbl Oliver, Kraywinkel Klaus, Löser Christoph, Nashan Dorothée, Noor Seema, Nothacker Monika, Pfannenberger Christina, Salavastru Carmen, Schmitz Lutz, Stockfleth Eggert, Szeimies Rolf-Markus, Ulrich Claas, Welzel Julia, Wermker Kai, Berking Carola, Garbe Claus: *S3 guideline for actinic keratosis and cutaneous squamous cell carcinoma - short version, part 1: diagnosis, interventions for actinic keratoses, care structures and quality-of-care indicators. Journal der Deutschen Dermatologischen Gesellschaft* 2020, 18:275 - 294. **Essen/Düsseldorf**

414. Herbst-Gervasoni Corey J, Steimbach Raphael*, Morgen Michael*, Miller Aubry*, Christianson David W: *Structural Basis for the Selective Inhibition of HDAC10, the Cytosolic Polyamine Deacetylase*. **ACS chemical biology** 2020, 15:2154-2163. **Heidelberg**
415. Herhaus Peter, Lipkova Jana, Lammer Felicitas, Yakushev Igor, Vag Tibor, Slotta-Huspenina Julia, Habringer Stefan, Lapa Constantin, Pukrop Tobias, Hellwig Dirk, Wiestler Benedikt, Buck Andreas K., Deckert Martina, Wester Hans-Jürgen, Bassermann Florian, Schwaiger Markus, Weber Wolfgang, Menze Björn, Keller Ulrich*: *CXCR4-Targeted PET Imaging of Central Nervous System B-Cell Lymphoma*. **Journal of nuclear medicine** 2020, 61:1765 - 1771. **München**_(7.887)
416. Herrera-Rios Dayana, Li Guanzhang, Khan Dilaware, Tsiampali Julia, Nickel Ann-Christin, Aretz Philippe, Hewera Michael, Suwala Abigail Kora*, Jiang Tao, Steiger Hans-Jakob, Kamp Marcel Alexander, Muhammad Sajjad, Hänggi Daniel, Maciacyk Jarek, Zhang Wei, Kahlert Ulf Dietrich*: *A computational guided, functional validation of a novel therapeutic antibody proposes Notch signaling as a clinical relevant and druggable target in glioma*. **Scientific reports** 2020, 10:16218. **Essen/Düsseldorf**
417. Herrera-Rios Dayana*, Mughal Sadaf S*, Teuber-Hanselmann Sarah, Pierscianek Daniela*, Sucker Antje*, Jansen Philipp*, Schimming Tobias*, Klode Joachim*, Reifenberger Julia, Felsberg Jörg, Keyvani Kathy, Brors Benedikt*, Sure Ulrich*, Reifenberger Guido*, Schadendorf Dirk*, Helfrich Iris*: *Macrophages/Microglia Represent the Major Source of Indolamine 2,3-Dioxygenase Expression in Melanoma Metastases of the Brain*. **Frontiers in immunology** 2020, 11:120. **Essen/Düsseldorf**_(5.085)
418. Herrlinger Eva-Maria, Hau Mirjam, Redhaber Desiree Melanie, Greve Gabriele, Willmann Dominica, Steimle Simon, Müller Michael, Lübbert Michael*, Miething Christoph Cornelius, Schüle Roland, Jung Manfred*: *Nitroreductase-Mediated Release of Inhibitors of Lysine-Specific Demethylase 1 (LSD1) from Prodrugs in Transfected Acute Myeloid Leukaemia Cells*. **ChemBioChem** 2020, 21:2329-2347. **Freiburg**
419. Hessmann Elisabeth, Buchholz Soeren M., Demir Ihsan Ekin*, Singh Shiv K., Gress Thomas M., Ellenrieder Volker, Neesse Albrecht: *Microenvironmental Determinants of Pancreatic Cancer*. **Physiological reviews** 2020, 100:1707 - 1751. **München**_(25.588)
420. Heumüller Anezka, Wehrle Julius*, Stosch Juliane, Niemöller Christoph, Bleul Sabine, Waterhouse Miguel, Uhl David, Metzeler Klaus H., Lübbert Michael*, Duyster Justus*, Finke Jürgen, Becker Heiko*: *Clonal hematopoiesis of indeterminate potential in older patients having received an allogeneic stem cell transplantation from young donors*. **Bone marrow transplantation** 2020, 55:665-668. **Freiburg**
421. Hidalgo-Sastre Ana, Desztics Judit, Dantes Zahra, Schulte Katharina, Ensarioglu Hilal Kabadayi, Basse-Archibong Blessing, Öllinger Rupert, Engleiter Thomas, Rayner Lyndsay, Einwächter Henrik, Daniel Juliet M, Altaee Ali Sameer Abdulghani, Steiger Katia, Lesina Marina, Rad Roland, Reichert Maximilian, von Figura Guido, Siveke Jens T*, Schmid Roland M, Lubeseder-Martellato Clara: *Loss of Wasl improves pancreatic cancer outcome*. **JCI insight** 2020, 5:e127275. **Essen/Düsseldorf**_(6.205)
422. Hidalgo-Sastre Ana, Lubeseder-Martellato Clara, Engleitner Thomas, Steiger Katja, Zhong Suyang, Desztics Judit, Öllinger Rupert, Rad Roland, Schmid Roland M, Hermeking Heiko*, Siveke Jens T*, von Figura Guido: *Mir34a constrains pancreatic carcinogenesis*. **Scientific reports** 2020, 10:9654. **München, Essen/Düsseldorf**
423. Hilke Franz J, Muyas Francesc, Admard Jakob, Kootz Beate, Nann Dominik, Welz Stefan*, Rieß

- Olaf, Zips Daniel*, Ossowski Stephan, Schroeder Christopher, Clasen Kerstin: *Dynamics of cell-free tumour DNA correlate with treatment response of head and neck cancer patients receiving radiochemotherapy*. **Radiotherapy and oncology** 2020, 151:182-189. **Tübingen**
424. Hillen Lisa M, Geybels Milan S, Spassova Ivelina*, Becker Jürgen C*, Gambichler Thilo, Garmyn Marjan, Zur Hausen Axel, van den Oord Joost, Winnepenninckx Véronique: *A digital mRNA expression signature to classify challenging Spitzoid melanocytic neoplasms*. **FEBS Open Bio** 2020, 10:1326 - 1341. **Essen/Düsseldorf**
425. Hoefflin Rouven, Harlander Sabine, Schäfer Silvia, Metzger Patrick, Kuo Fengshen, Schönenberger Désirée, Adlesic Mojca, Peighambari Asin, Seidel Philipp, Chen Chia-Yi, Consenza-Contreras Miguel, Jud Andreas, Lahrmann Bernd, Grabe Niels, Heide Danijela*, Uhl Franziska M, Chan Timothy A, Duyster Justus, Zeiser Robert, Schell Christoph, Heikenwalder Mathias*, Schilling Oliver*, Hakimi A Ari, Boerries Melanie*, Frew Ian J: *HIF-1 α and HIF-2 α differently regulate tumour development and inflammation of clear cell renal cell carcinoma in mice*. **Nature Communications** 2020, 11:4111. **Freiburg_(12.121)**
426. Hoegen Philipp*, Lang Clemens*, Akbaba Sati, Häring Peter*, Splinter Mona*, Miltner Annette*, Bachmann Marion*, Stahl-Arnsberger Christiane*, Brechter Thomas*, El Shafie Rami A, Weykamp Fabian, König Laila, Debus Jürgen*, Hörner-Rieber Juliane*: *Cone-Beam-CT Guided Adaptive Radiotherapy for Locally Advanced Non-small Cell Lung Cancer Enables Quality Assurance and Superior Sparing of Healthy Lung*. **Frontiers in oncology** 2020, 10:564857. **Heidelberg**
427. Hoffmann Michael, Reitz Daniel, Taugner Julian, Roengvoraphoj Olarn, Käsmann Lukas*, Eze Chukwuka, Karin Monika, Belka Claus*, Manapov Farkhad*: *Blood Parameters Demonstrating a Significant Survival Impact in Patients With Locally Advanced NSCLC Undergoing Definitive Chemoradiotherapy*. **Anticancer research** 2020, 40:2319 - 2322. **München**
428. Hoffmann Sabine, Crispin Alexander, Lindoerfer Doris, Sroczynski Gaby, Siebert Uwe, Mansmann Ulrich*, Consortium Farkor: *Evaluating the effects of a risk-adapted screening program for familial colorectal cancer in individuals between 25 and 50 years of age: study protocol for the prospective population-based intervention study FARKOR*. **BMC gastroenterology** 2020, 20:131. **München**
429. Hoffmeister Michael*, Bläker Hendrik, Jansen Lina*, Alwers Elizabeth*, Amitay Efrat*, Carr Prudence*, Kloor Matthias, Herpel Esther, Roth Wilfried, Chang-Claude Jenny*, Brenner Hermann*: *Colonoscopy and Reduction of Colorectal Cancer Risk by Molecular Tumor Subtypes: A Population-Based Case-Control Study*. **The American journal of gastroenterology** 2020, 115:2007-2016. **Heidelberg_(10.171)**
430. Hohmann Tim, Hohmann Urszula, Kolbe Marc R, Dahlmann Mathias*, Kobelt Dennis*, Stein Ulrike*, Dehghani Faramarz: *MACC1 driven alterations in cellular biomechanics facilitate cell motility in glioblastoma*. **Cell communication and signaling** 2020, 18:85. **Berlin**
431. Holch J. W.*, Heinemann V.*: *Reply to 'Cetuximab-related skin toxicity and efficacy: do we understand the mechanisms?' by Evesque et al*. **Annals of oncology** 2020, 31:1261-1262. **München_(18.274)**
432. Holch J. W.*, Held Thomas, Stintzing S., Fischer von Weikersthal L., Decker Kristin, Kiani Vahdaneh, Kaiser F., Heintges T., Kahl Kim-Celine, Kullmann F., Scheithauer W., Moehler M., von Einem J. C., Michl M., Heinemann V.*: *Relation of cetuximab-induced skin toxicity and early tumor shrinkage in metastatic colorectal cancer patients: results of the randomized phase 3 trial*

FIRE-3 (AIO KRK0306). Annals of oncology 2020, 31:72 - 78. **München**_(18.274)

433. Holleccek Bernd*, Schöttker Ben*, Brenner Hermann*: *Helicobacter pylori* infection, chronic atrophic gastritis and risk of stomach and esophagus cancer: Results from the prospective population-based ESTHER cohort study. **International journal of cancer** 2020, 146:2773-2783. **Heidelberg**_(5.145)
434. Holzapfel Johannes, Kandels Daniela, Schmidt Rene, Pietsch Torsten, Warmuth-Metz Monika, Bison Brigitte, Krauss Juergen, Kortmann Rolf-Dieter, Timmermann Beate*, Thomale Ulrich-Wilhelm, Albert Michael H, Hernáiz Driever Pablo, Witt Olaf*, Gnekow Astrid K: *Favorable prognosis in pediatric brainstem low-grade glioma - report from the German SIOP-LGG 2004 cohort. International journal of cancer* 2020, 146:3385-3396. **Essen/Düsseldorf**_(5.145)
435. Hölzen Lena*, Parigiani Maria Alejandra, Reinheckel Thomas*: *Tumor cell- and microenvironment-specific roles of cysteine cathepsins in mouse models of human cancers. Biochimica et biophysica acta / Proteins and proteomics Proteins and proteomics []* 2020, 1868:140423. **Freiburg**_(7.365)
436. Hong Wan Xing, Haebe Sarah, Lee Andrew S, Westphalen C Benedikt*, Norton Jeffrey A, Jiang Wen, Levy Ronald: *Intratumoral Immunotherapy for Early-stage Solid Tumors. Clinical cancer research* 2020, 26:3091 - 3099. **München**_(10.107)
437. Hongu Tsunaki*, Oskarsson Thordur*: *Addicted to Acidic Microenvironment. Developmental cell* 2020, 55:381 - 382. **Heidelberg**_(10.092)
438. Horak Peter*, Uhrig Sebastian*, Witzel Maximilian, Gil-Farina Irene*, Hutter Barbara*, Rath Tim*, Gieldon Laura*, Balasubramanian Gnana Prakash*, Pastor Xavier*, Heilig Christoph E*, Richter Daniela, Schröck Evelin*, Ball Claudia R, Brors Benedikt*, Braun Christian J, Albert Michael H, Scholl Claudia*, von Kalle Christof*, Schmidt Manfred*, Fröhling Stefan*, Klein Christoph, Glimm Hanno: *Comprehensive genomic characterization of gene therapy-induced T-cell acute lymphoblastic leukemia. Leukemia* 2020, 34:2785-2789. **Heidelberg, Dresden**_(8.665)
439. Hovestadt Volker, Ayrault Olivier, Swartling Fredrik J, Robinson Giles W, Pfister Stefan*, Northcott Paul A: *Medulloblastomics revisited: biological and clinical insights from thousands of patients. Nature reviews / Cancer* 2020, 20:42 - 56. **Heidelberg**_(53.030)
440. Huang Lei, Jansen Lina*, Balavarca Yesilda*, Verhoeven Rob H A, Ruurda Jelle P, Van Eycken Liesbet, De Schutter Harlinde, Johansson Jan, Lindblad Mats, Johannesen Tom B, Zadnik Vesna, Žagar Tina, Mägi Margit, Bastiaannet Esther, Lagarde Sjoerd M, van de Velde Cornelis J H, Schrotz-King Petra*, Brenner Hermann*: *Decreasing resection rates for nonmetastatic gastric cancer in Europe and the United States. Clinical and translational medicine* 2020, 10:e203. **Heidelberg**_(7.919)
441. Hussung Saskia*, Follo Marie, Klar Rhena F U, Michalczyk Sandra, Fritsch Kornelia, Nollmann Friederike, Hipp Julian, Duyster Justus*, Scherer Florian, von Bubnoff Nikolas*, Boerries Melanie*, Wittel Uwe, Fritsch Ralph M*: *Development and clinical validation of discriminatory multi-target digital droplet PCR assays for the detection of hot spot KRAS and NRAS mutations in cell-free DNA. The journal of molecular diagnostics* 2020, 22:943-956. **Freiburg**_(5.553)
442. Huynh Tony, Murray Jayne, Flemming Claudia L, Kamili Alvin, Hofmann Ute, Cheung Leanna, Roundhill Elizabeth A, Yu Denise M T, Webber Hannah T, Schwab Matthias*, Henderson Michelle J, Haber Michelle, Norris Murray D, Fletcher Jamie I: *CCI52 sensitizes tumors to 6-mercaptopurine and inhibits MYCN-amplified tumor growth. Biochemical pharmacology* 2020,

172:113770. **Tübingen**

443. Huynh-Le Minh-Phuong, Fan Chun Chieh, Karunamuni Roshan, Walsh Eleanor I, Turner Emma L, Lane J Athene, Martin Richard M, Neal David E, Donovan Jenny L, Hamdy Freddie C, Parsons J Kellogg Kellogg, Eeles Rosalind A, Easton Douglas F, Kote-Jarai Zsofia, Amin Al Olama Ali, Benlloch Garcia Sara, Muir Kenneth, Grönberg Henrik, Wiklund Fredrik, Aly Markus, Schleutker Johanna, Sipeky Csilla, Tammela Teuvo, Nordestgaard Børge Grønne, Key Timothy J, Travis Ruth C, Pharoah Paul D P, Pashayan Nora, Khaw Kay-Tee, Thibodeau Stephen N, McDonnell Shannon K, Schaid Daniel J, Maier Christiane, Vogel Walther, Luedeke Manuel, Herkommer Kathleen, Kibel Adam S, Cybulski Cezary, Wokolorczyk Dominika, Kluzniak Wojciech, Cannon-Albright Lisa A, Brenner Hermann*, Schöttker Ben*, Holleczer Bernd, Park Jong Y, Sellers Thomas A, Lin Hui-Yi, Slavov Chavdar Kroumov, Kaneva Radka P, Mitev Vanio I, Batra Jyotsna, Clements Judith A, Spurdle Amanda B, Teixeira Manuel R, Paulo Paula, Maia Sofia, Pandha Hardev, Michael Agnieszka, Mills Ian G, Andreassen Ole A, Dale Anders M, Seibert Tyler M: *A genetic risk score to personalize prostate cancer screening, applied to population data*. **Cancer epidemiology, biomarkers & prevention** 2020, 29:1731-1738. **Heidelberg**
444. Iida M., Harari P. M., Wheeler D. L., Toulany M.*: *Targeting AKT/PKB to improve treatment outcomes for solid tumors*. **Mutation research / Genetic toxicology and environmental mutagenesis** 2020, 819-820:111690 **Tübingen**
445. Jabarkheel Rashad, Amayiri Nisreen, Yecies Derek, Huang Yuhao, Toescu Sebastian, Nobre Liana, Mabbott Donald J, Sudhakar Sniya V, Malik Prateek, Laughlin Suzanne, Swaidan Maisa, Al Hussaini Maysa, Musharbash Awni, Chacko Geeta, Mathew Leni G, Fisher Paul G, Hargrave Darren, Bartels Ute, Tabori Uri, Pfister Stefan M*, Aquilina Kristian, Taylor Michael D, Grant Gerald A, Bouffet Eric, Mankad Kshitij, Yeom Kristen W, Ramaswamy Vijay: *Molecular correlates of cerebellar mutism syndrome in medulloblastoma*. **Neuro-Oncology** 2020, 22:290-297. **Heidelberg_(10.247)**
446. Jakab Moritz Viktor*, Augustin Hellmut*: *Understanding angiogenesis: insights from single cell biology*. **Development <Cambridge>** 2020, 147:dev146621 -. **Heidelberg_(5.611)**
447. Jamali Arezo, Hadjati Jamshid, Madjd Zahra, Mirzaei Hamid Reza, Thalheimer Frederic B., Agarwal Shiwani, Bonig Halvard, Ullrich Evelyn*, Hartmann Jessica: *Highly Efficient Generation of Transgenically Augmented CAR NK Cells Overexpressing CXCR4*. **Frontiers in immunology** 2020, 11:2028. **Frankfurt/Mainz_(5.085)**
448. Janke Florian*, Bozorgmehr Farastuk, Wrenger Sabine, Dietz Steffen*, Heussel Claus P, Heussel Gudula, Silva Carlos F, Rheinheimer Stephan, Feisst Manuel, Thomas Michael, Golpon Heiko, Günther Andreas, Sültmann Holger*, Muley Thomas, Janciauskiene Sabina, Meister Michael, Schneider Marc A: *Novel Liquid Biomarker Panels for A Very Early Response Capturing of NSCLC Therapies in Advanced Stages*. **Cancers** 2020, 12:954. **Heidelberg_(6.126)**
449. Jansen Lina*, Behrens Gundula*, Finke Isabelle*, Maier Werner, Gerken Michael, Pritzkeleit Ron, Holleczer Bernd, Brenner Hermann*: *Area-Based Socioeconomic Inequalities in Colorectal Cancer Survival in Germany: Investigation Based on Population-Based Clinical Cancer Registration*. **Frontiers in oncology** 2020, 10:857. **Heidelberg**
450. Jansen Lina*, Holleczer Bernd, Kraywinkel Klaus, Weberpals Janick*, Schröder Chloé Charlotte*, Eberle Andrea, Emrich Katharina, Kajüter Hiltraud, Katalinic Alexander, Kieschke Joachim, Nennecke Alice, Sirri Eunice, Heil Jörg, Schneeweiss Andreas, Brenner Hermann*: *Divergent Patterns and Trends in Breast Cancer Incidence, Mortality and Survival Among Older Women in*

Germany and the United States. **Cancers** 2020, 12:2419. **Heidelberg**_(6.126)

451. Jansen Lina*, Merz Maximilian, Engelhardt Monika, Weisel Katja, Scheid Christof, Straka Christian, Langer Christian, Salwender Hans, Einsele Hermann, Kröger Nikolaus, Beelen Dietrich W., Dreger Peter, Goldschmidt Hartmut, Brenner Hermann*: *Autologous stem cell transplantation in multiple myeloma patients: utilization patterns and hospital effects*. **Leukemia and lymphoma** 2020, 61:2365-2374. **Heidelberg**
452. Jansen Lina*, Schröder Chloé Josephine Charlotte*, Emrich Katharina, Holleczeck Bernd, Pritzkeleit Ron, Brenner Hermann*: *Disclosing progress in cancer survival with less delay*. **International journal of cancer** 2020, 147:838-846. **Heidelberg**_(5.145)
453. Jansen Philipp*, Stoffels Ingo*, Müseler Anne-Christine*, Petri Maximilian*, Brinker Titus J*, Schedlowski Manfred, Schadendorf Dirk*, Engler Harald, Klode Joachim*: *Salivary cortisol levels and anxiety in melanoma patients undergoing sentinel lymph node excision under local anesthesia versus general anesthesia: a prospective study*. **World journal of surgical oncology** 2020, 18:53. **Essen/Düsseldorf**
454. Janssen Anke, Villacorta Hidalgo Jose, Beringer Dennis X, van Dooremalen Sanne, Fernando Febilla, van Diest Eline, Terrizi Antonela R, Bronsert Peter*, Kock Sylvia, Schmitt-Gräff Annette, Werner Martin*, Heise Kerstin, Follo Marie, Straetmans Trudy, Sebestyen Zsolt, Chudakov Dmitry M, Kasatskaya Sofya A, Frenkel Felix E, Ravens Sarina, Spierings Eric, Prinz Immo, Küppers Ralf, Malkovsky Miroslav, Fisch Paul, Kuball Jürgen: *$\gamma\delta$ T-cell Receptors Derived from Breast Cancer-Infiltrating T Lymphocytes Mediate Antitumor Reactivity*. **Cancer immunology research** 2020, 8:530-543. **Freiburg**_(8.728)
455. Janssens Geert O, Mandeville Henry C, Timmermann Beate*, Maduro John H, Alapetite Claire, Padovani Laetitia, Horan Gail, Lassen-Ramshad Yasmin, Dieckmann Karin, Ruebe Christian, Thorp Nicky, Gandola Lorenza, Ajithkumar Thankamma, Boterberg Tom: *A rapid review of evidence and recommendations from the SIOPE Radiation Oncology working group to help mitigate for reduced paediatric radiotherapy capacity during the COVID-19 pandemic or other crises*. **Radiotherapy and oncology** 2020, 148:216-222. **Essen/Düsseldorf**
456. Jaschke Nikolai, Hofbauer Lorenz C*, Göbel Andy*, Rachner Tilman D*: *Evolving functions of Dickkopf-1 in cancer and immunity*. **Cancer letters** 2020, 482:1-7. **Dresden**_(7.360)
457. Jaschke Nikolai, Kleymann Alexander, Hofbauer Lorenz C, Göbel Andy*, Rachner Tilman D*: *Dorsomorphin: A novel inhibitor of Dickkopf-1 in breast cancer*. **Biochemical and biophysical research communications** 2020, 524:360-365. **Dresden**
458. Javorniczky Nora Rebeka, Wehrle Julius*, Ihorst Gabriele, Hupfer Valerie, Aumann Konrad, Pfeifer Dietmar, Niemöller Christoph, Bleul Sabine, Pantic Milena, Werner Martin*, Duyster Justus, Finke Jürgen, Engelhardt Monika, von Bubnoff Nikolas*, Waller Cornelius F, Pahl Heike L, Becker Heiko*: *Prevalence and characteristics of myeloproliferative neoplasms with concomitant monoclonal gammopathy*. **Leukemia research** 2020, 98:106454 **Freiburg**
459. Jensen Patrizia*, Carlet Michela, Schlenk Richard*, Weber Andrea*, Kress Jana*, Brunner Ines*, Ślabcicki Mikołaj*, Grill Gregor*, Weisemann Simon*, Cheng Ya-Yun*, Jeremias Irmela*, Scholl Claudia*, Fröhling Stefan*: *Requirement for LIM kinases in acute myeloid leukemia*. **Leukemia** 2020, 34:3173-3185. **B340, B290, München, Heidelberg**_(8.665)
460. Jesinghaus Moritz*, Steiger Katja, Stögbauer Fabian, Haller Bernhard, Kolk Andreas, Straßen Ulrich, Pickhard Anja, Wirth Markus, Silva Miguel*, Budczies Jan, Becker von Rose Aaron,

- Konukiewitz Björn, Kuhn Peer, Klinghammer Konrad, Dapper Hendrik, Münch Stefan, Combs Stephanie E*, Weichert Wilko*, Boxberg Melanie: *Pre-operative cellular dissociation grading in biopsies is highly predictive of post-operative tumour stage and patient outcome in head and neck squamous cell carcinoma*. **British journal of cancer** 2020, 122:835 - 846. **München**_(5.791)
461. Jiang Honglin, Torphy Robert J, Steiger Katja*, Hongo Henry, Ritchie Alexa J, Kriegsmann Mark, Horst David, Umetsu Sarah E, Joseph Nancy M, McGregor Kimberly, Pishvaian Michael J, Blais Edik M, Lu Brian, Li Mingyu, Hollingsworth Michael, Stashko Connor, Volmar Keith, Yeh Jen Jen, Weaver Valerie M, Wang Zhen J, Tempero Margaret A, Weichert Wilko*, Collisson Eric A: *Pancreatic ductal adenocarcinoma progression is restrained by stromal matrix*. **The journal of clinical investigation** 2020, 130:4704-4709. **München**_(11.864)
462. Jiang Mei, Fares Aline F, Shepshelovich Daniel, Yang Ping, Christiani David, Zhang Jie, Shiraishi Kouya, Ryan Brid M, Chen Chu, Schwartz Ann G, Tardon Adonina, Shete Sanjay, Schabath Matthew B, Teare M Dawn, Le Marchand Loic, Zhang Zuo-Feng, Field John K, Brenner Hermann*, Diao Nancy, Xie Juntao, Kohno Takashi, Harris Curtis C, Wenzlaff Angela S, Fernandez-Tardon Guillermo, Ye Yuanqing, Taylor Fiona, Wilkens Lynne R, Davies Michael, Liu Yi, Barnett Matt J, Goodman Gary E, Morgenstern Hal, Holleczeck Bernd, Thomas Sera, Brown M Catherine, Hung Rayjean J, Xu Wei, Liu Geoffrey: *The relationship between body-mass index and overall survival in non-small cell lung cancer by sex, smoking status, and race: A pooled analysis of 20,937 International lung Cancer consortium (ILCCO) patients*. **Lung cancer** 2020, 152:58 - 65. **Heidelberg**
463. Jilg Cordula A, Reichel Kathrin, Stoykow Christian, Rischke H Christian, Bartholomä Mark, Drendel Vanessa, von Büren Moritz, Schultze-Seemann Wolfgang, Meyer Philipp T*, Mix Michael: *Results from extended lymphadenectomies with [111In]PSMA-617 for intraoperative detection of PSMA-PET/CT-positive nodal metastatic prostate cancer*. **EJNMMI Research** 2020, 10:17. **Freiburg**
464. Jödicke L., Zender Lars*, Malek N. P.*: *[Personalized treatment of cholangiocellular carcinoma (CCA)]*. **Der Internist** 2020, 61:170-174. **Tübingen**
465. Johann P. D.*: *Invited Review: Dysregulation of chromatin remodellers in paediatric brain tumours - SMARCB1 and beyond*. **Neuropathology & applied neurobiology** 2020, 46:57 - 72. **Heidelberg**_(7.500)
466. Johansson Patricia, Dierichs Laura*, Klein-Hitpass Ludger, Bergmann Anke K., Möllmann Michael, Menninger Sascha, Habenberger Peter, Klebl Bert, Siveke Jens*, Dührsen Ulrich, Choidas Axel, Dürig Jan*: *Anti-leukemic effect of CDK9 inhibition in T-cell prolymphocytic leukemia*. **Therapeutic advances in hematology** 2020, 11:204062072093376 -. **Essen/Düsseldorf**
467. Johansson Patricia, Klein-Hitpass Ludger, Budeus Bettina, Kuhn Matthias, Lauber Chris*, Seifert Michael, Roeder Ingo, Pförtner Roman, Stuschke Martin, Dührsen Ulrich, Eckstein Anja, Dürig Jan*, Küppers Ralf*: *Identifying Genetic Lesions in Ocular Adnexal Extranodal Marginal Zone Lymphomas of the MALT Subtype by Whole Genome, Whole Exome and Targeted Sequencing*. **Cancers** 2020, 12:986 -. **Essen/Düsseldorf**_(6.126)
468. Johansson Patricia, Klein-Hitpass Ludger, Röth Alexander, Möllmann Michael, Reinhardt H Christian*, Dührsen Ulrich, Dürig Jan*: *Mutations in PIGA cause a CD52-/GPI-anchor-deficient phenotype complicating alemtuzumab treatment in T-cell prolymphocytic leukemia*. **European journal of haematology** 2020, 105:786-796. **Essen/Düsseldorf**
469. Jost Philipp J.*, Vucic Domagoj*: *Regulation of Cell Death and Immunity by XIAP*. **Cold Spring**

Harbor perspectives in biology 2020, 12:a036426 München_(7.640)

470. Jureczek Justyna Katarzyna*, Feldmann Anja, Bergmann Ralf, Arndt Claudia, Berndt Nicole, Koristka Stefanie, Loureiro Liliana Rodrigues*, Mitwasi Nicola, Hoffmann Anja, Kegler Alexandra*, Bartsch Tabea, Bachmann Michael*: *Highly Efficient Targeting of EGFR-Expressing Tumor Cells with UniCAR T Cells via Target Modules Based on Cetuximab®*. **OncoTargets and therapy** 2020, 13:5515 - 5527. **Dresden**
471. Kaczorowski Adam, Tolstov Yanis, Falkenstein Michael, Vasioukhin Valeri, Prigge Elena-Sophie*, Geisler Christine, Kippenberger Maximilian, Nientiedt Cathleen, Ratz Leonie*, Kuryshev Vladimir, Herpel Esther, Kristiansen Glen, Sülthmann Holger*, Stenzinger Albrecht, Doeberitz Magnus von Knebel*, Hohenfellner Markus, Duensing Anette, Duensing Stefan: *Rearranged ERG confers robustness to prostate cancer cells by subverting the function of p53*. **Urologic oncology** 2020, 38:736.e731-736.e710. **Heidelberg**
472. Kaissis Georgios A, Jungmann Friederike, Ziegelmayr Sebastian, Lohöfer Fabian K, Harder Felix N, Schlitter Anna Melissa*, Muckenhuber Alexander, Steiger Katja, Schirren Rebekka, Friess Helmut, Schmid Roland, Weichert Wilko*, Makowski Marcus R, Braren Rickmer*: *Multiparametric Modelling of Survival in Pancreatic Ductal Adenocarcinoma Using Clinical, Histomorphological, Genetic and Image-Derived Parameters*. **Journal of Clinical Medicine** 2020, 9:1250 **München**
473. Kaissis Georgios A, Ziegelmayr Sebastian, Lohöfer Fabian K, Harder Felix N, Jungmann Friederike, Sasse Daniel, Muckenhuber Alexander, Yen Hsi-Yu, Steiger Katja, Siveke Jens*, Friess Helmut, Schmid Roland, Weichert Wilko, Makowski Marcus R, Braren Rickmer F: *Image-Based Molecular Phenotyping of Pancreatic Ductal Adenocarcinoma*. **Journal of Clinical Medicine** 2020, 9:E724. **Essen/Düsseldorf**
474. Kalafati Lydia*, Chavakis Triantafyllos: *Hematopoietic stem and progenitor cells take the route through the bone marrow endothelium*. **Haematologica** 2020, 105:2700 - 2701. **Dresden_(7.116)**
475. Kalafati Lydia*, Kourtzelis Ioannis*, Schulte-Schrepping Jonas, Li Xiaofei, Hatzioannou Aikaterini, Grinenko Tatyana, Hagag Eman, Sinha Anupam*, Has Canan, Dietz Sevina, de Jesus Domingues Antonio Miguel, Nati Marina, Sormendi Sundary, Neuwirth Ales, Chatzigeorgiou Antonios, Ziogas Athanasios, Lesche Mathias, Dahl Andreas, Henry Ian, Subramanian Pallavi, Wielockx Ben, Murray Peter, Mirtschink Peter, Chung Kyoung-Jin, Schultze Joachim L, Netea Mihai G, Hajishengallis George, Verginis Panayotis, Mitroulis Ioannis*, Chavakis Triantafyllos: *Innate Immune Training of Granulopoiesis Promotes Anti-tumor Activity*. **Cell** 2020, 183:771 - 785.e712. **Dresden_(38.637)**
476. Kalafati Lydia*, Mitroulis Ioannis*, Verginis Panayotis, Chavakis Triantafyllos, Kourtzelis Ioannis: *Neutrophils as Orchestrators in Tumor Development and Metastasis Formation*. **Frontiers in oncology** 2020, 10:581457. **Dresden**
477. Kandels Daniela, Pietsch Torsten, Bison Brigitte, Warmuth-Metz Monika, Thomale Ulrich-Wilhelm, Kortmann Rolf-Dieter, Timmermann Beate*, Driever Pablo Hernáiz, Witt Olaf*, Schmidt René, Gnekow Astrid K: *Loss of efficacy of subsequent non-surgical therapy after primary treatment failure in pediatric low-grade glioma patients - report from the German SIOP-LGG 2004 cohort*. **International journal of cancer** 2020, 147:3471-3489. **Essen/Düsseldorf_(5.145)**
478. Karageorgiadi Dimitra M, Tsilimigras Diamantis I, Selemenakis Platonas, Vlachou Vassiliki, de Lastic Anne-Lise, Rodi Maria, Chatziathanasiou Danaï, Savvatakis Konstantinos*, Antoniou

- Nikolaos, Deli Aikaterini C, Papalampros Alexandros, Filis Konstantinos A, Mouzaki Athanasia, Varvarigou Anastasia, Zografos George, Gorgoulis Vassilis G, Pateras Ioannis S, Sigala Fragiska: *Conditioning attenuates kidney and heart injury in rats following transient suprarenal occlusion of the abdominal aorta*. **Scientific reports** 2020, 10:5040. **Essen/Düsseldorf**
479. Karathanasis Christos, Medler Juliane, Fricke Franziska, Smith Sonja, Malkusch Sebastian, Widera Darius, Fulda Simone*, Wajant Harald, van Wijk Sjoerd J L, Dikic Ivan, Heilemann Mike: *Single-molecule imaging reveals the oligomeric state of functional TNF α -induced plasma membrane TNFR1 clusters in cells*. **Science signaling** 2020, 13:eaax5647 -. **Frankfurt/Mainz**_(6.467)
480. Karimian-Jazi Kianush*, Münch Philipp*, Alexander Allen*, Fischer Manuel, Pfeleiderer Kira*, Piechutta Manuel*, Karreman Matthia A*, Solecki Gergely M*, Berghoff Anna Sophie*, Friedrich Mirco*, Deumelandt Katrin*, Kurz Felix T, Wick Wolfgang*, Heiland Sabine, Bendszus Martin, Winkler Frank*, Platten Michael*, Breckwoldt Michael*: *Monitoring innate immune cell dynamics in the glioma microenvironment by magnetic resonance imaging and multiphoton microscopy (MR-MPM)*. **Theranostics** 2020, 10:1873 - 1883. **Heidelberg**_(8.579)
481. Karin Monika, Taugner Julian, Käsmann Lukas*, Eze Chukwuka, Roengvoraphoj Olarn, Tufman Amanda, Belka Claus*, Manapov Farkhad*: *Association of Planning Target Volume with Patient Outcome in Inoperable Stage III NSCLC Treated with Chemoradiotherapy: A Comprehensive Single-Center Analysis*. **Cancers** 2020, 12:3035 **München**_(6.126)
482. Karreman Matthia*, Winkler Frank*: *Targeting an adhesion molecule to prevent brain colonization of lung cancer*. **Neuro-Oncology** 2020, 22:899-900. **Heidelberg**_(10.247)
483. Karschnia Philipp*, Teske Nico*, Dorostkar Mario M*, Siller Sebastian*, Weller Jonathan*, Baehring Joachim M, Dietrich Jorg, von Baumgarten Louisa*, Herms Jochen*, Tonn Joerg-Christian*, Thon Niklas*: *Extent and prognostic value of MGMT promotor methylation in glioma WHO grade II*. **Scientific reports** 2020, 10:19758. **München**
484. Karunamuni Roshan A, Huynh-Le Minh-Phuong, Fan Chun C, Eeles Rosalind A, Easton Douglas F, Kote-Jarai ZSofia, Amin Al Olama Ali, Benlloch Garcia Sara, Muir Kenneth, Gronberg Henrik, Wiklund Fredrik, Aly Markus, Schleutker Johanna, Sipeky Csilla, Tammela Teuvo L J, Nordestgaard Børge G, Key Tim J, Travis Ruth C, Neal David E, Donovan Jenny L, Hamdy Freddie C, Pharoah Paul, Pashayan Nora, Khaw Kay-Tee, Thibodeau Stephen N, McDonnell Shannon K, Schaid Daniel J, Maier Christiane, Vogel Walther, Luedeke Manuel, Herkommer Kathleen, Kibel Adam S, Cybulski Cezary, Wokolorczyk Dominika, Kluzniak Wojciech, Cannon-Albright Lisa, Brenner Hermann*, Schöttker Ben*, Holleczer Bernd*, Park Jong Y, Sellers Thomas A, Lin Hui-Yi, Slavov Chavdar, Kaneva Radka, Mitev Vanio, Batra Jyotsna, Clements Judith A, Spurdle Amanda, BioResource Australian Prostate Cancer, Teixeira Manuel R, Paulo Paula, Maia Sofia, Pandha Hardev, Michael Agnieszka, Mills Ian G, Andreassen Ole A, Dale Anders M, Seibert Tyler M, Consortium PRACTICAL: *The effect of sample size on polygenic hazard models for prostate cancer*. **European journal of human genetics** 2020, 28:1467-1475. **Heidelberg**
485. Kasajima Atsuko*, Klöppel Günter: *Neuroendocrine neoplasms of lung, pancreas and gut: a morphology-based comparison*. **Endocrine related cancer** 2020, 27:R417 - R432. **München**
486. Käsmann Lukas*, Abdo Reem, Eze Chukwuka, Dantes Maurice, Taugner Julian, Gennen Kathrin, Roengvoraphoj Olarn, Rades Dirk, Belka Claus*, Manapov Farkhad*: *External Validation of a Survival Score for Limited-Stage Small Cell Lung Cancer Patients Treated with Chemoradiotherapy*. **Lung** 2020, 198:201 - 206. **München**
487. Käsmann Lukas*, Dietrich Alexander, Staab-Weijnitz Claudia A, Manapov Farkhad*, Behr Jürgen,

- Rimner Andreas, Jeremic Branislav, Senan Suresh, De Ruysscher Dirk, Lauber Kirsten*, Belka Claus*: *Radiation-induced lung toxicity - cellular and molecular mechanisms of pathogenesis, management, and literature review*. **Radiation oncology** 2020, 15:214. **München**
488. Käsmann Lukas*, Eze Chukwuka, Manapov Farkhad*: *Stereotactic Body Radiation Therapy (SBRT) Combined with Immune Check-Point Inhibition (ICI) in Advanced Lung Cancer: Which Metastatic Site Should Be Irradiated to Induce Immunogenic Cell Death?* **International journal of radiation oncology, biology, physics** 2020, 108:225 - 226. **München**_(5.859)
489. Käsmann Lukas*, Eze Chukwuka, Taugner Julian, Manapov Farkhad*: *In regards to Chu et al.: Patterns of brain metastasis immediately before prophylactic cranial irradiation (PCI): implications for PCI optimization in limited-stage small cell lung cancer*. **Radiation oncology** 2020, 15:252. **München**
490. Käsmann Lukas*, Eze Chukwuka, Taugner Julian, Roengvoraphoj Olarn, Belka Claus*, Manapov Farkhad*: *Implementation of durvalumab maintenance treatment after concurrent chemoradiotherapy in inoperable stage III non-small cell lung cancer (NSCLC)-a German radiation oncology survey*. **Translational Lung Cancer Research** 2020, 9:288 - 293. **München**_(5.132)
491. Käsmann Lukas*, Eze Chukwuka, Taugner Julian, Roengvoraphoj Olarn, Dantes Maurice, Schmidt-Hegemann Nina-Sophie, Schiopu Sanziana, Belka Claus*, Manapov Farkhad: *Chemoradioimmunotherapy of inoperable stage III non-small cell lung cancer: immunological rationale and current clinical trials establishing a novel multimodal strategy*. **Radiation oncology** 2020, 15:167. **München**
492. Käsmann Lukas*, Janssen Stefan, Baschnagel Andrew M, Kruser Tim J, Harada Hideyuki, Aktan Meryem, Rades Dirk: *Prognostic factors and outcome of reirradiation for locally recurrent small cell lung cancer-a multicenter study*. **Translational Lung Cancer Research** 2020, 9:232 - 238. **München**_(5.132)
493. Kasper Stefan*, Meiler Johannes, Knipp Heike, Höhler Thomas, Reimer Peter, Steinmetz Tilman, Berger Winfried, Linden Gabriele, Reis Henning, Markus Peter, Paul Andreas*, Dechêne Alexander, Schumacher Brigitte, Kostbade Karina, Virchow Isabel, Ting Saskia, Worm Karl, Schmid Kurt W. *, Herold Thomas, Wiesweg Marcel, Schuler Martin*, Trarbach Tanja: *Biweekly Cetuximab Plus FOLFOX6 as First-Line Therapy in Patients With RAS Wild-Type Metastatic Colorectal Cancer: The CEBIFOX Trial*. **Clinical colorectal cancer and other gastrointestinal malignancies** 2020, 19: 236-247.e236. **Essen/Düsseldorf**
494. Kauer Joseph*, Hörner Sebastian*, Osburg Lukas*, Müller Stefanie*, Märklin Melanie*, Heitmann Jonas S*, Zekri Latifa*, Rammensee Hans-Georg*, Salih Helmut R*, Jung Gundram*: *Tocilizumab, but not dexamethasone, prevents CRS without affecting antitumor activity of bispecific antibodies*. **Journal for ImmunoTherapy of Cancer** 2020, 8:e000621 **Tübingen**_(9.913)
495. Kaufmann Sascha, Kruck Stephan, Gatidis Sergios, Hepp Tobias, Thaiss Wolfgang M, Hennenlotter Jörg, Schwenck Johannes, Scharpf Marcus, Nikolaou Konstantin, Stenzl Arnulf, Reischl Gerald, la Fougère Christian, Bedke Jens*: *Simultaneous whole-body PET/MRI with integrated multiparametric MRI for primary staging of high-risk prostate cancer*. **World journal of urology** 2020, 38:2513-2521. **Tübingen**
496. Kavčič Nežka, Butinar Miha, Sobotič Barbara, Hafner Česen Maruša, Petelin Ana, Bojić Lea, Zavašnik Bergant Tina, Bratovš Andreja, Reinheckel Thomas*, Turk Boris: *Intracellular cathepsin C levels determine sensitivity of cells to leucyl-leucine methyl ester-triggered apoptosis*. **The FEBS**

journal 2020, 287:5148-51666. **Freiburg**

497. Kebir Sied*, Hattingen Elke*, Niessen Michael*, Rauschenbach Laurèl*, Fimmers Rolf*, Hummel Thomas*, Schäfer Niklas*, Lazaridis Lazaros*, Kleinschnitz Christoph*, Herrlinger Ulrich*, Scheffler Björn*, Glas Martin*: *Olfactory function as independent prognostic factor in glioblastoma*. **Neurology** 2020, 94:e529-e537. **Essen/Düsseldorf**_(8.770)
498. Kebir Sied*, Schmidt Teresa*, Weber Matthias, Lazaridis Lazaros*, Galldiks Norbert, Langen Karl-Josef, Kleinschnitz Christoph, Hattingen Elke, Herrlinger Ulrich, Lohmann Philipp, Glas Martin*: *A Preliminary Study on Machine Learning-Based Evaluation of Static and Dynamic FET-PET for the Detection of Pseudoprogression in Patients with IDH-Wildtype Glioblastoma*. **Cancers** 2020, 12:3080. **Essen/Düsseldorf**_(6.126)
499. Kehr Sarah, Haydn Tinka, Bierbrauer Annika, Irmer Barnabas, Vogler Meike, Fulda Simone*: *Targeting BCL-2 proteins in pediatric cancer: Dual inhibition of BCL-XL and MCL-1 leads to rapid induction of intrinsic apoptosis*. **Cancer letters** 2020, 482:19-32. **Frankfurt/Mainz**_(7.360)
500. Kelley Lisa Marie*, Schlegel Miriam*, Hecker-Nolting Stefanie, Kevric Matthias, Haller Bernhard, Rössig Claudia, Reichardt Peter, Kager Leo, Kühne Thomas, Gosheger Georg, Windhager Reinhard, Specht Katja, Rechl Hans, Tunn Per-Ulf, Baumhoer Daniel, Wirth Thomas, Werner Mathias, von Kalle Thekla, Nathrath Michaela, Burdach Stefan*, Bielack Stefan, von Lüttichau Irene*: *Pathological Fracture and Prognosis of High-Grade Osteosarcoma of the Extremities: An Analysis of 2,847 Consecutive Cooperative Osteosarcoma Study Group (COSS) Patients*. **Journal of clinical oncology** 2020, 38:823 - 833. **München**_(32.956)
501. Kern A., Bäumer C.*, Kröninger K., Mertens L., Timmermann B.*, Walbersloh J., Wulff J.: *Determination of surface dose in pencil beam scanning proton therapy*. **Medical physics** 2020, 47:2277-2288. **Essen/Düsseldorf**
502. Kesar Nikolina, Winkelmann Ria, Oppermann Julius, Ghanaati Shahram, Martin Daniel, Neumayer Thomas, Balster Sven, Rödel Claus*, Rödel Franz*, von der Grün Jens, Balermipas Panagiotis: *Prognostic impact of CD8-positive tumour-infiltrating lymphocytes and PD-L1 expression in salivary gland cancer*. **Oral oncology** 2020, 111:104931. **Frankfurt/Mainz**
503. Kessel Kerstin A*, Grosser Rebekka C E, Kraus Kim Melanie, Hoffmann Hans, Oechsner Markus, Combs Stephanie E*: *Stereotactic body radiotherapy (SBRT) in patients with lung metastases - prognostic factors and long-term survival using patient self-reported outcome (PRO)*. **BMC cancer** 2020, 20:442. **München**
504. Kessel Kerstin A*, Weber Wolfgang, Yakushev Igor, Fischer Hanna, Voglhuber Theresa, Diehl Christian*, Straube Christoph*, Zimmer Claus, Wiestler Benedikt, Gempt Jens, Meyer Bernhard, Combs Stephanie E*: *Integration of PET-imaging into radiotherapy treatment planning for low-grade meningiomas improves outcome*. **European journal of nuclear medicine and molecular imaging** 2020, 47:1391-1399. **München**_(7.081)
505. Kessler Tobias*, Berberich Anne*, Sadik Ahmed*, Sahm Felix*, Gorlia Thierry, Meisner Christoph, Hoffmann Dirk Carsten Frieder*, Wick Antje, Kickingeder Philipp, Rübmann Petra*, Bendszus Martin, Opitz Christiane*, Weller Michael, Bent Martin, Stupp Roger, Winkler Frank*, Brandes Alba, Deimling Andreas*, Platten Michael*, Wick Wolfgang*: *Methylome analyses of three glioblastoma cohorts reveal chemotherapy sensitivity markers within DDR genes*. **Cancer medicine** 2020, 9:8373-8385. **Heidelberg**
506. Kessler Tobias*, Latzer Pauline*, Schmid Dominic*, Warnken Uwe*, Saffari Afshin, Ziegler

- Andreas, Kollmer Jennifer, Möhlenbruch Markus, Ulfert Christian, Herweh Christian, Wildemann Brigitte, Wick Wolfgang*, Weiler Markus: *Cerebrospinal fluid proteomic profiling in nusinersen-treated patients with spinal muscular atrophy*. **Journal of neurochemistry** 2020, 153:650-661. **Heidelberg**
507. Kesting Sabine, Weeber Peter, Schönfelder Martin, Renz Bernhard W*, Wackerhage Henning, von Luettichau Irene: *Exercise as a Potential Intervention to Modulate Cancer Outcomes in Children and Adults?* **Frontiers in oncology** 2020, 10:196. **München**
508. Ketteler Petra*, Hülsenbeck Isabel, Frank Mirjam, Schmidt Börge, Jöckel Karl-Heinz*, Lohmann Dietmar R*: *The impact of RB1 genotype on incidence of second tumours in heritable retinoblastoma*. **European journal of cancer** 2020, 133:47 - 55. **Essen/Düsseldorf_(7.275)**
509. Ketterer Stephanie*, Mitschke Julia, Ketscher Anett, Schlimpert Manuel, Reichardt Wilfried*, Baeuerle Natascha, Hess Maria Elena, Metzger Patrick, Boerries Melanie*, Peters Christoph*, Kammerer Bernd, Brummer Tilman*, Steinberg Florian, Reinheckel Thomas*: *Cathepsin D deficiency in mammary epithelium transiently stalls breast cancer by interference with mTORC1 signaling*. **Nature Communications** 2020, 11:5133. **Freiburg_(12.121)**
510. Khamfongkhrua Chirasak, Berthold Jonathan, Janssens Guillaume, Petzoldt Johannes, Smeets Julien, Pausch Guntram, Richter Christian*: *Classification of the source of treatment deviation in proton therapy using prompt-gamma imaging information*. **Medical physics** 2020, 47:5102-5111. **Dresden**
511. Khankari Nikhil K, Banbury Barbara L, Borges Maria C, Haycock Philip, Albanes Demetrius, Arndt Volker*, Berndt Sonja I, Bézieau Stéphane, Brenner Hermann*, Campbell Peter T, Casey Graham, Chan Andrew T, Chang-Claude Jenny*, Conti David V, Cotterchio Michelle, English Dallas R, Figueiredo Jane C, Giles Graham G, Giovannucci Edward L, Gunter Marc J, Hampe Jochen, Hoffmeister Michael*, Hopper John L, Jenkins Mark A, Joshi Amit D, Marchand Loic Le, Lemire Mathieu, Li Christopher I, Li Li, Lindblom Annika, Martín Vicente, Moreno Victor, Newcomb Polly A, Offit Kenneth, Pharoah Paul D P, Rennert Gad, Sakoda Lori C, Schafmayer Clemens, Schmit Stephanie L, Slattery Martha L, Song Mingyang, Thibodeau Stephen N, Ulrich Cornelia M, Weinstein Stephanie J, White Emily, Win Aung Ko, Wolk Alicja, Woods Michael O, Wu Anna H, Cai Qiuyin, Denny Joshua C, Edwards Todd L, Murff Harvey J, Gruber Stephen B, Peters Ulrike, Zheng Wei: *Mendelian Randomization of Circulating Polyunsaturated Fatty Acids and Colorectal Cancer Risk*. **Cancer epidemiology, biomarkers & prevention** 2020, 29:860-870. **Heidelberg**
512. Kiesel Barbara, Thome Carina*, Weiss Tobias, Jakola Asgeir S, Darlix Amélie, Pellerino Alessia, Furtner Julia, Kerschbaumer Johannes, Freyschlag Christian F, Wick Wolfgang*, Preusser Matthias, Widhalm Georg, Berghoff Anna S: *Perioperative imaging in patients treated with resection of brain metastases: a survey by the European Association of Neuro-Oncology (EANO) Youngsters committee*. **BMC cancer** 2020, 20:410. **Heidelberg**
513. Kim-Wanner Soo-Zin*, Assenov Yassen*, Nair Mridul B*, Weichenhan Dieter*, Benner Axel*, Becker Natalia*, Landwehr Katharina, Kuner Ruprecht*, Sültmann Holger*, Esteller Manel, Koch Ina, Lindner Michael, Meister Michael, Thomas Michael, Bieg Matthias*, Klingmueller Ursula*, Schlesner Matthias*, Warth Arne, Brors Benedikt*, Seifried Erhard, Bonig Halvard, Plass Christoph*, Risch Angela*, Muley Thomas: *Genome-wide DNA methylation profiling in early stage I lung adenocarcinoma reveals predictive aberrant methylation in the promoter region of the long non-coding RNA PLUT - an exploratory study*. **Journal of thoracic oncology** 2020, 15:1338-1350. **Heidelberg, Frankfurt/Mainz_(13.357)**

514. Kinzler Maximilian N*, Zielke Svenja, Kardo Simon, Meyer Nina, Kögel Donat, van Wijk Sjoerd, Fulda Simone*: *STF-62247 and pimozide induce autophagy and autophagic cell death in mouse embryonic fibroblasts*. **Scientific reports** 2020, 10:687. **Frankfurt/Mainz**
515. Kirchner Julian, Martin Ole, Umutlu Lale, Herrmann Ken, Bittner Ann-Kathrin, Hoffmann Oliver, Mohrmann Svetlana, Gauler Thomas, Theurer Sarah*, Antke Christina, Esposito Irene, Kinner Sonja, Schaarschmidt Benedikt M, Kowall Bernd, Lütke-Brintrup Diana, Stang Andreas, Becker Anton S, Antoch Gerald, Buchbender Christian: *Impact of 18F-FDG PET/MR on therapeutic management in high risk primary breast cancer patients - A prospective evaluation of staging algorithms*. **European journal of radiology** 2020, 128:108975. **Essen/Düsseldorf**
516. Kirstein Anna, Schmid Thomas E, Combs Stephanie E*: *The Role of miRNA for the Treatment of MGMT Unmethylated Glioblastoma Multiforme*. **Cancers** 2020, 12:1099 -. **München**_(6.126)
517. Kleesiek Jens*, Murray Jacob M.*, Kaissis Georgios, Braren Rickmer*: *Künstliche Intelligenz und maschinelles Lernen in der onkologischen Bildgebung* *Artificial intelligence and machine learning in oncologic imaging*. **Der Onkologe** 2020, 26:60 - 65. **München**
518. Kleesiek Jens*, Murray Jacob M*, Strack Christian*, Kaissis Georgios, Braren Rickmer*: *[A primer on machine learning]*. **Der Radiologe** 2020, 60:24-31. **Heidelberg, München**
519. Kleesiek Jens*, Murray Jacob M*, Strack Christian*, Prinz Sebastian*, Kaissis Georgios, Braren Rickmer*: *Künstliche Intelligenz und maschinelles Lernen in der onkologischen Bildgebung*. *Artificial intelligence and machine learning in oncologic imaging*. **Der Pathologe** 2020, 41:649-658. **Essen/Düsseldorf, München**
520. Klein Sebastian, Quaas Alexander, Noh Ka-Won, Cartolano Maria, Abedpour Nima, Mauch Cornelia, Quantius Jennifer, Reinhardt Hans Christian*, Buettner Reinhard, Peifer Martin, Helbig Doris: *Integrative Analysis of Pleomorphic Dermal Sarcomas Reveals Fibroblastic Differentiation and Susceptibility to Immunotherapy*. **Clinical cancer research** 2020, 26:5638 - 5645. **Essen/Düsseldorf**_(10.107)
521. Klinghammer Konrad, Politz Oliver, Eder Theresa*, Otto Raik, Raguse Jan-Dirk, Albers Andreas, Kaufmann Andreas, Tinhofer Ingeborg, Hoffmann Jens, Keller Ulrich, Keilholz Ulrich: *Combination of copanlisib with cetuximab improves tumor response in cetuximab-resistant patient-derived xenografts of head and neck cancer*. **OncoTarget** 2020, 11:3688 - 3697. **Berlin**
522. Klocperk Adam, Unger Susanne, Friedmann David, Seidl Maximilian, Zoldan Katharina, Pfeiffer Jens, Hausmann Oliver, Benes Vladimir, Andrieux Geoffroy*, Boettler Tobias, Sediva Anna, Bengsch Bertram, Warnatz Klaus: *Exhausted phenotype of follicular CD8 T cells in CVID*. **The journal of allergy and clinical immunology** 2020, 146:912-915.e913. **Freiburg**_(10.228)
523. Kloker Linus D, Berchtold Susanne*, Smirnow Irina, Beil Julia*, Krieg Andreas, Sipos Bence, Lauer Ulrich M*: *Oncolytic vaccinia virus GLV-1h68 exhibits profound antitumoral activities in cell lines originating from neuroendocrine neoplasms*. **BMC cancer** 2020, 20:628. **Tübingen**
524. Klotz Daniel Martin*, Wimberger Pauline*: *Overcoming PARP inhibitor resistance in ovarian cancer: what are the most promising strategies?* **Archives of gynecology and obstetrics** 2020, 302:1087-1102. **Dresden**
525. Klotz-Noack Kathleen*, Klinger Bertram, Rivera Maria, Bublitz Natalie*, Uhlitz Florian, Riemer Pamela, Lüthen Mareen*, Sell Thomas, Kasack Katharina, Gastl Bastian, Ispasany Sylvia S S, Simon Tincy, Janssen Nicole, Schwab Matthias*, Zuber Johannes, Horst David*, Blüthgen Nils*, Schäfer Reinhold*, Morkel Markus*, Sers Christine*: *SFPQ Depletion Is Synthetically Lethal with*

- BRAFV600E in Colorectal Cancer Cells. Cell reports* 2020, 32:108184 **Berlin, Tübingen**_(8.109)
526. Kluin-Nelemans Hanneke C, Reiter Andreas, Illerhaus Anja, van Anrooij Bjorn, Hartmann Karin, Span Lambertus F R, Gorska Aleksandra, Niedoszytko Marek, Lange Magdalena, Scaffidi Luigi, Zanotti Roberta, Bonadonna Patrizia, Perkins Cecelia, Elena Chiara, Malcovati Luca, Shoumariyeh Khalid*, von Bubnoff Nikolas*, Parente Roberta, Triggiani Massimo, Schwaab Juliana, Jawhar Mohamad, Caroppo Francesca, Fortina Anna Belloni, Brockow Knut, Zink Alexander, Fuchs David, Kilbertus Alex, Yavuz Akif Selim, Doubek Michael, Mattsson Mattias, Hagglund Hans, Panse Jens, Sabato Vito, Aberer Elisabeth, Niederwieser Dietger, Breynaert Christine, Várkonyi Judit, Kennedy Vanessa, Lortholary Olivier, Jakob Thilo, Hermine Olivier, Rossignol Julien, Arock Michel, Gotlib Jason, Valent Peter, Sperr Wolfgang R: *Prognostic impact of eosinophils in mastocytosis: analysis of 2350 patients collected in the ECNM Registry. Leukemia* 2020, 34:1090 - 1101. **Freiburg**_(8.665)
 527. Knispel Sarah, Stang Andreas, Zimmer Lisa, Lax Hildegard, Gutzmer Ralf, Heinzerling Lucie, Weishaupt Carsten, Pföhler Claudia, Gesierich Anja, Herbst Rudolf, Kaehler Katharina C, Weide Benjamin, Berking Carola, Loquai Carmen, Utikal Jochen*, Terheyden Patrick, Kaatz Martin, Schlaak Max, Kreuter Alexander, Ulrich Jens, Mohr Peter, Dippel Edgar, Livingstone Elisabeth, Becker Jürgen C*, Weichenthal Michael, Chorti Eleftheria, Gronewold Janine, Schadendorf Dirk, Ugurel Selma: *Impact of a preceding radiotherapy on the outcome of immune checkpoint inhibition in metastatic melanoma: a multicenter retrospective cohort study of the DeCOG. Journal for ImmunoTherapy of Cancer* 2020, 8:e000395 **Essen/Düsseldorf**_(9.913)
 528. Knoll Maximilian*, Furkel Jennifer*, Debus Jürgen*, Abdollahi Amir*, Karch André, Stock Christian*: *An R package for an integrated evaluation of statistical approaches to cancer incidence projection. BMC medical research methodology* 2020, 20:257. **Heidelberg**
 529. Kobelt Dennis*, Dahlmann Mathias*, Dumbani Malti, Güllü Nazli, Kortüm Benedikt, Vílchez Miguel E. Alberto, Stein Ulrike*, Walther Wolfgang: *Small Ones to Fight a Big Problem—Intervention of Cancer Metastasis by Small Molecules. Cancers* 2020, 12:1454 **Berlin**_(6.126)
 530. Kobelt Dennis*, Zhang Chenyu, Clayton-Lucey Isabelle Ailish, Glauben Rainer*, Voss Cynthia, Siegmund Britta*, Stein Ulrike*: *Pro-inflammatory TNF- α and IFN- γ Promote Tumor Growth and Metastasis via Induction of MACC1. Frontiers in immunology* 2020, 11:980. **Berlin**_(5.085)
 531. Kober-Hasslacher Maike, Oh-Strauß Hyunju, Kumar Dilip, Soberon Valeria, Diehl Carina, Lech Maciej, Engleitner Thomas*, Katab Eslam, Fernández-Sáiz Vanesa, Piontek Guido, Li Hongwei, Menze Björn, Ziegenhain Christoph, Enard Wolfgang, Rad Roland*, Böttcher Jan P., Anders Hans-Joachim, Rudelius Martina, Schmidt-Suppran Marc*: *c-Rel gain in B cells drives germinal center reactions and autoantibody production. The journal of clinical investigation* 2020, 130:3270 - 3286. **München**_(11.864)
 532. Koch Maximilian, Reinartz Sebastian, Saggau Julia, Knittel Gero, Rosen Natascha, Fedorchenko Oleg, Thelen Lisa, Barthel Romy, Reinart Nina, Seeger-Nukpezah Tamina, Reinhardt Hans Christian*, Hallek Michael, Nguyen Phuong-Hien: *Meta-Analysis Reveals Significant Sex Differences in Chronic Lymphocytic Leukemia Progression in the E μ -TCL1 Transgenic Mouse Model. Cancers* 2020, 12:1980 -. **Essen/Düsseldorf**_(6.126)
 533. Koche Richard P, Rodriguez-Fos Elias, Helmsauer Konstantin, Burkert Martin, MacArthur Ian C, Maag Jesper, Chamorro Rocio, Munoz-Perez Natalia, Puiggròs Montserrat, Dorado Garcia Heathcliff, Bei Yi, Röefzaad Claudia, Bardinet Victor, Szymansky Annabell, Winkler Annika, Thole Theresa, Timme Natalie, Kasack Katharina*, Fuchs Steffen*, Klironomos Filippas, Thiessen Nina,

- Blanc Eric, Schmelz Karin, Künkele Annette*, Hundsdoerfer Patrick*, Rosswog Carolina*, Theissen Jessica*, Beule Dieter, Deubzer Hedwig*, Sauer Sascha, Toedling Joern, Fischer Matthias, Hertwig Falk*, Schwarz Roland F*, Eggert Angelika*, Torrents David, Schulte Johannes H*, Henssen Anton G*: *Extrachromosomal circular DNA drives oncogenic genome remodeling in neuroblastoma*. **Nature genetics** 2020, 52:29-34. **Berlin_**(27.605)
534. Kocsmár Éva, Lotz Gábor, Kiss András, Hoerner Markus, Petrova Ekaterina, Freudenberg Nikolaus, Csanádi Ágnes, Kulemann Birte, Werner Martin*, Bronsert Peter*, Wellner Ulrich Friedrich: *Prognostic impact of tumor budding and EMT in periampullary adenocarcinoma: a quantitative approach*. **Journal of cancer** 2020, 11:6474 - 6483. **Freiburg**
535. Koerber Stefan A, Stach Gerald, Kratochwil Clemens, Haefner Matthias F, Rathke Henrik, Herfarth Klaus, Kopka Klaus*, Holland-Letz Tim*, Choyke Peter L, Will Leon, Haberkorn Uwe*, Debus Juergen*, Giesel Frederik*: *Lymph node involvement in treatment-naïve prostate cancer patients - correlation of PSMA-PET/CT imaging and Roach formula in 280 men in the Radiotherapeutic management*. **Journal of nuclear medicine** 2020, 61:46-50. **Heidelberg_**(7.887)
536. Koerber Stefan A, Staudinger Fabian, Kratochwil Clemens*, Adeberg Sebastian, Haefner Matthias F, Ungerechts Guy, Rathke Hendrik, Winter Erik, Lindner Thomas, Syed Mustafa, Bhatti Irfan A, Herfarth Klaus, Choyke Peter L, Jaeger Dirk, Haberkorn Uwe*, Debus Juergen*, Giesel Frederik*: *The Role of 68Ga-FAPI PET/CT for Patients with Malignancies of the Lower Gastrointestinal Tract: First Clinical Experience*. **Journal of nuclear medicine** 2020, 61:1331 - 1336. **E060, E050, Heidelberg_**(7.887)
537. Kögel Donat*, Linder Benedikt, Brunschweiler Andreas, Chines Silvia, Behl Christian: *At the Crossroads of Apoptosis and Autophagy: Multiple Roles of the Co-Chaperone BAG3 in Stress and Therapy Resistance of Cancer*. **Cells** 2020, 9:E574 **Frankfurt/Mainz**
538. Kollenda Sebastian A, Klose Jasmin*, Knuschke Torben, Sokolova Viktoriya, Schmitz Jochen, Staniszewska Magdalena*, Costa Pedro Fragoso*, Herrmann Ken*, Westendorf Astrid M, Fendler Wolfgang P, Eppler Matthias: *In vivo biodistribution of calcium phosphate nanoparticles after intravascular, intramuscular, intratumoral, and soft tissue administration in mice investigated by small animal PET/CT*. **Acta biomaterialia** 2020, 109:244-253. **Essen/Düsseldorf_**(7.242)
539. Kommos Felix Kf, Chang Kenneth Te, Stichel Damian*, Banito Ana*, Jones David*, Heilig Christoph*, Fröhling Stefan*, Sahm Felix*, Stenzinger Albrecht, Hartmann Wolfgang, Mechtersheimer Gunhild, Sinn Hans-Peter, Schmidt Dietmar, Kommos Felix Karl-Friedrich*, von Deimling Andreas*, Koelsche Christian: *Endometrial stromal sarcomas with BCOR-rearrangement harbor MDM2 amplifications*. **The journal of pathology: clinical research** 2020, 6:178-184. **Heidelberg_**(5.979)
540. Kommos Felix K F, Stichel Damian*, Schimpf Daniel*, Kriegsmann Mark, Tessier-Cloutier Basile, Talhouk Aline, McAlpine Jessica N, Chang Kenneth T E, Sturm Dominik*, Pfister Stefan M*, Romero-Pérez Laura, Kirchner Thomas, Grünewald Thomas G P*, Buslei Rolf, Sinn Hans-Peter, Mechtersheimer Gunhild, Schirmacher Peter, Schmidt Dietmar, Lehr Hans-Anton, Sahm Felix, Huntsman David G, Gilks C Blake, Kommos Friedrich, von Deimling Andreas*, Koelsche Christian: *DNA methylation-based profiling of uterine neoplasms: a novel tool to improve gynecologic cancer diagnostics*. 213. **Journal of cancer research and clinical oncology** 2020, 146:97-104. **Heidelberg**

541. König Laila*, Haering Peter*, Lang Clemens*, Lifferth Mona*, von Nettelbladt Bastian*, Weykamp Fabian*, Hoegen Philipp*, Lischalk Jonathan W., Herfarth Klaus*, Debus Jürgen*, Hörner-Rieber Juliane*: *Secondary Malignancy Risk Following Proton vs. X-ray Treatment of Mediastinal Malignant Lymphoma: A Comparative Modeling Study of Thoracic Organ-Specific Cancer Risk*. **Frontiers in oncology** 2020, 10:989. **Heidelberg**
542. König Laila, Häfner Matthias F, Katayama Sonja, Koerber Stefan A, Tonndorf-Martini Eric*, Bernhardt Denise, von Nettelbladt Bastian, Weykamp Fabian, Hoegen Philipp, Klüter Sebastian, Susko Matthew S, Debus Jürgen*, Hörner-Rieber Juliane*: *Stereotactic body radiotherapy (SBRT) for adrenal metastases of oligometastatic or oligoprogressive tumor patients*. **Radiation oncology** 2020, 15:30. **Heidelberg**
543. Kopp Benedikt*, Mein Stewart*, Dokic Ivana*, Harrabi Semi*, Böhlen Till Tobias, Haberer Thomas, Debus Jürgen*, Abdollahi Amir*, Mairani Andrea: *Development and validation of single field multi-ion particle therapy treatments*. **International journal of radiation oncology, biology, physics** 2020, 106:194-205. **Heidelberg**_(5.859)
544. Kopp Benedikt*, Meyer Sebastian, Gianoli Chiara, Magallanes Lorena, Voss Bernd, Brons Stephan, Parodi Katia: *Experimental comparison of clinically used ion beams for imaging applications using a range telescope*. **Physics in medicine and biology** 2020, 65:155004. **Heidelberg**
545. Korte Elisabeth, Schilling Ralph, Balcerek Magdalena, Byrne Julianne, Dirksen Uta*, Herrmann Gloria, Kepak Tomas, Klco-Brosius Stephanie, Kruseova Jarmila, Kunstreich Marina, Langer Thorsten, Panasiuk Anna, Stefanowicz Joanna, Strauß Gabriele, Wiegele Karin, Borgmann-Staudt Anja: *Fertility-Related Wishes and Concerns of Adolescent Cancer Patients and Their Parents*. **Journal of Adolescent and Young Adult Oncology** 2020, 9:55-62. **Essen/Düsseldorf**
546. Korte Elisabeth, Schilling Ralph, Balcerek Magdalena, Campbell Helen, Dirksen Uta*, Herrmann Gloria, Kepakova Katerina, Kepak Tomas, Klco-Brosius Stephanie, Kruseova Jarmila, Kunstreich Marina, Lackner Herwig, Langer Thorsten, Panasiuk Anna, Stefanowicz Joanna, Strauß Gabriele, Ranft Andreas*, Byrne Julianne, Goldbeck Lutz, Borgmann-Staudt Anja: *Fertility education for adolescent cancer patients: Gaps in current clinical practice in Europe*. **European journal of cancer care** 2020, 29:e13279. **Essen/Düsseldorf**
547. Koschade Sebastian E*, Brandts Christian H*: *Selective autophagy in normal and malignant hematopoiesis*. **Journal of molecular biology** 2020, 432:261-282. **Frankfurt/Mainz**
548. Kouzy Ramez, Abi Jaoude Joseph, Mainwaring Walker, Lin Timothy A, Miller Austin B, Jethanandani Amit, Espinoza Andres F, Verma Vivek, Fuller Clifton D, Minsky Bruce D, Rödel Claus*, Taniguchi Cullen M, Ludmir Ethan B: *Professional Medical Writer Assistance in Oncology Clinical Trials*. **The oncologist** 2020, 25:e1812-e1815. **Frankfurt/Mainz**_(5.025)
549. Kozyra Emilia J, Pastor Victor B, Lefkopoulos Stylianos, Sahoo Sushree S, Busch Hauke, Voss Rebecca K, Erlacher Miriam*, Lebrecht Dirk, Szvetnik Enikoe A, Hirabayashi Shinsuke, Pasaulienė Ramunė, Pedace Lucia, Tartaglia Marco, Klemann Christian, Metzger Patrick, Boerries Melanie*, Catala Albert, Hasle Henrik, de Haas Valerie, Kállay Krisztián, Masetti Riccardo, De Moerloose Barbara, Dworzak Michael, Schmugge Markus, Smith Owen, Starý Jan, Mejstrikova Ester, Ussowicz Marek, Morris Emma, Singh Preeti, Collin Matthew, Derecka Marta, Göhring Gudrun, Flotho Christian*, Strahm Brigitte, Locatelli Franco, Niemeyer Charlotte M*, Trompouki Eirini, Wlodarski Marcin W, Childhood European Working Group of MDS in: *Synonymous GATA2 mutations result in selective loss of mutated RNA and are common in patients with GATA2*

deficiency. **Leukemia** 2020, 34:2673-2687. **Freiburg_(8.665)**

550. Krahn Daniel, Heilmann Geronimo, Vogel Felix C E*, Papadopoulos Chrisovalantis, Zweerink Susanne, Kaschani Farnusch, Meyer Hemmo, Roesch Alexander, Kaiser Markus: *Zelkovamycin is an OXPPOS Inhibitory Member of the Argyrin Natural Product Family*. **Chemistry - a European journal** 2020, 26:8524 - 8531. **Essen/Düsseldorf**
551. Krämer Andreas, Kurz Christian Georg, Berger Benedict-Tilman, Celik Ibrahim Ethem, Tjaden Amelie, Greco Francesco Aleksy, Knapp Stefan*, Hanke Thomas: *Optimization of pyrazolo[1,5-a]pyrimidines lead to the identification of a highly selective casein kinase 2 inhibitor*. **European journal of medicinal chemistry** 2020, 208:112770 **Frankfurt/Mainz_(5.572)**
552. Kramer Iris, Hooning Maartje J, Mavaddat Nasim, Hauptmann Michael, Keeman Renske, Steyerberg Ewout W, Giardiello Daniele, Antoniou Antonis C, Pharoah Paul D P, Canisius Sander, Abu-Ful Zumuruda, Andrulis Irene L, Anton-Culver Hoda, Aronson Kristan J, Augustinsson Annelie, Becher Heiko, Beckmann Matthias W, Behrens Sabine*, Benitez Javier, Bermisheva Marina, Bogdanova Natalia V, Bojesen Stig E, Bolla Manjeet K, Bonanni Bernardo, Brauch Hiltrud*, Bremer Michael, Brucker Sara Y, Burwinkel Barbara*, Castela Jose E, Chan Tsun L, Chang-Claude Jenny*, Chanock Stephen J, Chenevix-Trench Georgia, Choi Ji-Yeob, Clarke Christine L, Collaborators NBCS, Collée J Margriet, Couch Fergus J, Cox Angela, Cross Simon S, Czene Kamila, Daly Mary B, Devilee Peter, Dörk Thilo, Dos-Santos-Silva Isabel, Dunning Alison M, Dwek Miriam, Eccles Diana M, Evans D Gareth, Fasching Peter A, Flyger Henrik, Gago-Dominguez Manuela, García-Closas Montserrat, García-Sáenz José A, Giles Graham G, Goldgar David E, González-Neira Anna, Haiman Christopher A, Håkansson Niclas, Hamann Ute*, Hartman Mikael, Heemskerk-Gerritsen Bernadette A M, Hollestelle Antoinette, Hopper John L, Hou Ming-Feng, Howell Anthony, Investigators ABCTB, Investigators kConFab, Ito Hidemi, Jakimovska Milena, Jakubowska Anna, Janni Wolfgang, John Esther M, Jung Audrey*, Kang Daehee, Kets C Marleen, Khusnutdinova Elza, Ko Yon-Dschun, Kristensen Vessela N, Kurian Allison W, Kwong Ava, Lambrechts Diether, Le Marchand Loic, Li Jingmei, Lindblom Annika, Lubiński Jan, Mannermaa Arto, Manooch Mehdi*, Margolin Sara, Matsuo Keitaro, Mavroudis Dimitrios, Meindl Alfons, Milne Roger L, Mulligan Anna Marie, Muranen Taru A, Neuhausen Susan L, Nevanlinna Heli, Newman William G, Olshan Andrew F, Olson Janet E, Olsson Håkan, Park-Simon Tjoung-Won, Peto Julian, Petridis Christos, Plaseska-Karanfilska Dijana, Presneau Nadege, Pylkäs Katri, Radice Paolo, Rennert Gad, Romero Atocha, Roylance Rebecca, Saloustros Emmanouil, Sawyer Elinor J, Schmutzler Rita K, Schwentner Lukas, Scott Christopher, See Mee-Hoong, Shah Mitul, Shen Chen-Yang, Shu Xiao-Ou, Siesling Sabine, Slager Susan, Sohn Christof, Southey Melissa C, Spinelli John J, Stone Jennifer, Tapper William J, Tengström Maria, Teo Soo Hwang, Terry Mary Beth, Tollenaar Rob A E M, Tomlinson Ian, Troester Melissa A, Vachon Celine M, van Ongeval Chantal, van Veen Elke M, Winqvist Robert, Wolk Alicja, Zheng Wei, Ziogas Argyrios, Easton Douglas F, Hall Per, Schmidt Marjanka K, Børresen-Dale Anne-Lise, Sahlberg Kristine, Ottestad Lars, Kåresen Rolf, Schlichting Ellen, Holmen Marit Muri, Sauer Toril, Haakensen Vilde, Engebråten Olav, Naume Bjørn, Fosså Alexander, Kiserud Cecile, Reinertsen Kristin, Helland Åslaug, Riis Margit, Geisler Jürgen, Alnæs Grethe Grenaker, Clarke Christine, Marsh Deborah, Scott Rodney, Baxter Robert, Yip Desmond, Carpenter Jane, Davis Alison, Pathmanathan Nirmala, Simpson Peter, Graham J Dinny, Sachchithananthan Mythily, Amor David, Andrews Lesley, Antill Yoland, Balleine Rosemary, Beesley Jonathan, Bennett Ian, Bogwitz Michael, Botes Leon, Brennan Meagan, Brown Melissa, Buckley Michael, Burke Jo, Butow Phyllis, Caldon Liz, Campbell Ian, Chauhan Deepa, Chauhan Manisha, Chenevix-Trench Georgia, Christian Alice, Cohen Paul, Colley Alison, Crook Ashley, Cui James, Cummings Margaret, Dawson Sarah-Jane, deFazio Anna,

- Delatycki Martin, Dickson Rebecca, Dixon Joanne, Edkins Ted, Edwards Stacey, Farshid Gelareh, Fellows Andrew, Fenton Georgina, Field Michael, Flanagan James, Fong Peter, Forrest Laura, Fox Stephen, French Juliet, Friedlander Michael, Gaff Clara, Gattas Mike, George Peter, Greening Sian, Harris Marion, Hart Stewart, Hayward Nick, Hopper John, Hoskins Cass, Hunt Clare, James Paul, Jenkins Mark, Kidd Alexa, Kirk Judy, Koehler Jessica, Kollias James, Lakhani Sunil, Lawrence Mitchell, Lindeman Geoff, Lipton Lara, Lobb Liz, Mann Graham, Marsh Deborah, McLachlan Sue Anne, Meiser Bettina, Milne Roger, Nightingale Sophie, O'Connell Shona, O'Sullivan Sarah, Ortega David Gallego, Pachter Nick, Patterson Briony, Pearn Amy, Phillips Kelly, Pieper Ellen, Rickard Edwina, Robinson Bridget, Saleh Mona, Salisbury Elizabeth, Saunders Christobel, Saunus Jodi, Scott Rodney, Scott Clare, Sexton Adrienne, Shelling Andrew, Simpson Peter, Southey Melissa, Spurdle Amanda, Taylor Jessica, Taylor Renea, Thorne Heather, Trainer Alison, Tucker Kathy, Visvader Jane, Walker Logan, Williams Rachael, Winship Ingrid, Young Mary Ann: *Breast Cancer Polygenic Risk Score and Contralateral Breast Cancer Risk*. **The American journal of human genetics** 2020, 107:837-848. **Tübingen**_(10.502)
553. Kramer M., Spohn S. K. B., Kiefer S., Ceci L., Sigle A., Oerther B., Schultze-Seemann W., Gratzke C., Bock M., Bamberg F., Grosu A. L., Benndorf M., Zamboglou C.: *Isotropic Expansion of the Intraprostatic Gross Tumor Volume of Primary Prostate Cancer Patients Defined in MRI-A Correlation Study With Whole Mount Histopathological Information as Reference*. **Front Oncol** 2020, 10:596756. **Freiburg**
554. Kraus K. M., Kampf S., Wilkens J. J., Schüttrumpf L., Combs S. E. *: *Helical tomotherapy: Comparison of Hi-ART and Radixact clinical patient treatments at the Technical University of Munich*. **Scientific reports** 2020, 10:4928. **München**
555. Krause Mechthild*, Alsner Jan, Linge Annett*, Bütof Rebecca*, Löck Steffen*, Bristow Rob: *Specific requirements for translation of biological research into clinical radiation oncology*. **Molecular oncology** 2020, 14:1569-1576. **Dresden**_(6.574)
556. Kreutmair Stefanie*, Erlacher Miriam*, Andrieux Geoffroy*, Istvanffy Rouzanna, Mueller-Rudorf Alina*, Zwick Melissa, Rückert Tamina, Pantic Milena, Poggio Teresa, Shoumariyeh Khalid*, Mueller Tony A, Kawaguchi Hiroyuki, Follo Marie, Klingenberg Cathrin, Wlodarski Marcin*, Baumann Irith, Pfeifer Dietmar, Kulinski Michal, Rudelius Martina, Lemeer Simone, Kuster Bernhard, Dierks Christine, Peschel Christian*, Cabezas-Wallscheid Nina, Duque-Afonso Jesus, Zeiser Robert*, Cleary Michael L, Schindler Detlev, Schmitt-Graeff Annette, Boerries Melanie*, Niemeyer Charlotte M*, Oostendorp Robert Aj, Duyster Justus*, Illert Anna Lena*: *Loss of the Fanconi anemia-associated protein NIPA causes bone marrow failure*. **The journal of clinical investigation** 2020, 130:2827-2844. **Freiburg**_(11.864)
557. Kriegsmann Mark, Zgorzelski Christiane, Casadonte Rita, Schwamborn Kristina, Muley Thomas, Winter Hauke, Eichhorn Martin, Eichhorn Florian, Warth Arne, Deininger Soeren-Oliver, Christopoulos Petros, Thomas Michael, Longerich Thomas, Stenzinger Albrecht, Weichert Wilko*, Müller-Tidow Carsten, Kriegsmann Jörg, Schirmacher Peter, Kriegsmann Katharina: *Mass Spectrometry Imaging for Reliable and Fast Classification of Non-Small Cell Lung Cancer Subtypes*. **Cancers** 2020, 12:2704 -. **München**_(6.126)
558. Kropp Korbinian N, Schäufele Tim J, Fatho Martina, Volkmar Michael*, Conradi Roland, Theobald Matthias, Wölfel Thomas, Wölfel Catherine: *A bicistronic vector backbone for rapid seamless cloning and chimerization of $\alpha\beta$ T-cell receptor sequences*. **PLOS ONE** 2020, 15:e0238875 -. **Frankfurt/Mainz**
559. Krug David, Köder Christine, Häfner Matthias F, Arians Nathalie, Harrabi Semi B, Koerber Stefan

- A, Forster Tobias, Schlampp Ingmar, Sohn Christof, Heil Joerg, Hof Holger, Hörner-Rieber Juliane, Debus Jürgen*: *Acute toxicity of normofractionated intensity modulated radiotherapy with simultaneous integrated boost compared to three-dimensional conformal radiotherapy with sequential boost in the adjuvant treatment of breast cancer*. **Radiation oncology** 2020, 15:235. **Heidelberg**
560. Krüger Thomas*, Middeke Jan Moritz, Stölzel Friedrich, Mütterig Anke, List Catrin, Brandt Kalina, Heidrich Katharina, Teipel Raphael, Ordemann Rainer, Schuler Ulrich, Oelschlägel Uta, Wermke Martin, Kräter Martin, Herbig Maik, Wehner Rebekka*, Schmitz Marc*, Bornhäuser Martin*, von Bonin Malte*: *Reliable isolation of human mesenchymal stromal cells from bone marrow biopsy specimens in patients after allogeneic hematopoietic cell transplantation*. **Cytotherapy** 2020, 22:21-26. **Dresden**
561. Kudo Takumi*, Prentzell Mirja T.*, Mohapatra Soumya R. *, Sahm Felix*, Zhao Zhongliang*, Grummt Ingrid*, Wick Wolfgang*, Opitz Christiane A. *, Platten Michael*, Green Edward*: *Constitutive Expression of the Immunosuppressive Tryptophan Dioxygenase TDO2 in Glioblastoma Is Driven by the Transcription Factor C/EBPβ*. **Frontiers in immunology** 2020, 11:657. **Heidelberg**
562. Kulhánová Ivana, Forman David, Vignat Jerome, Espina Carolina, Brenner Hermann*, Storm Hans H, Bauld Linda, Soerjomataram Isabelle: *Tobacco-related cancers in Europe: The scale of the epidemic in 2018*. **European journal of cancer** 2020, 139:27 - 36. **Heidelberg_**(7.275)
563. Kumar Rahul, Pereira Raquel S, Zanetti Costanza, Minciocchi Valentina R, Merten Maximilian, Meister Melanie, Niemann Julian, Dietz Marina S, Rüssel Nina, Schnütgen Frank, Tamai Minoru, Akahane Koshi, Inukai Takeshi, Oellerich Thomas*, Kvasnicka Hans Michael, Pfeifer Heike, Nicolini Franck E, Heilemann Mike, Van Etten Richard A, Krause Daniela S*: *Specific, targetable interactions with the microenvironment influence imatinib-resistant chronic myeloid leukemia*. **Leukemia** 2020, 34:2087-2101. **Frankfurt/Mainz_**(8.665)
564. Kunigenas Linas, Stankevicius Vaidotas, Dulskas Audrius, Budginaite Elzbieta, Alzbutas Gediminas, Stratilatovas Eugenijus, Cordes Nils*, Suziedelis Kestutis: *3D Cell Culture-Based Global miRNA Expression Analysis Reveals miR-142-5p as a Theranostic Biomarker of Rectal Cancer Following Neoadjuvant Long-Course Treatment*. **Biomolecules** 2020, 10:613. **Dresden**
565. Kunz Alexander, Gern Ulrike, Schmitt Anita, Neuber Brigitte, Wang Lei, Hückelhoven-Krauss Angela, Michels Birgit, Hofmann Susanne, Müller-Tidow Carsten*, Dreger Peter*, Schmitt Michael*, Schubert Maria-Luisa: *Optimized Assessment of qPCR-Based Vector Copy Numbers as a Safety Parameter for GMP-Grade CAR T Cells and Monitoring of Frequency in Patients*. **Molecular therapy Methods & clinical development []** 2020, 17:448 - 454. **Heidelberg**
566. Künzel Luise A, Leibfarth Sara, Dohm Oliver S, Müller Arndt-Christian, Zips Daniel*, Thorwarth Daniela*: *Automatic VMAT planning for post-operative prostate cancer cases using particle swarm optimization: A proof of concept study*. **Physica medica** 2020, 69:101 - 109. **Tübingen**
567. Kurilov Roman*, Haibe-Kains Benjamin, Brors Benedikt*: *Assessment of modelling strategies for drug response prediction in cell lines and xenografts*. **Scientific reports** 2020, 10:2849. **Heidelberg**
568. Kurreck A., Geissler M., Martens U. M., Riera-Knorrenschild J., Greeve J., Florschütz A., Wessendorf S., Ettrich T., Kanzler S., Nörenberg D., Seidensticker M., Held S., Buechner-Steudel P., Atzpodien J., Heinemann V. *, Stintzing S., Seufferlein T., Tannapfel A., Reinacher-Schick A. C., Modest D. P.: *Dynamics in treatment response and disease progression of metastatic colorectal*

cancer (mCRC) patients with focus on BRAF status and primary tumor location: analysis of untreated RAS-wild-type mCRC patients receiving FOLFOXIRI either with or without panitumumab in the VOLFI trial (AIO KRK0109). **Journal of cancer research and clinical oncology** 2020, 146:2681-2691. **München**

569. Kurreck Annika, Heinemann Volker, Fischer von Weikersthal Ludwig*, Decker Thomas, Kaiser Florian, Uhlig Jens, Schenk Michael, Freiberg-Richter Jens, Peuser Bettina, Denzlinger Claudio, Graeven Ullrich, Schwaner Ingo, Stahler Arndt, Heinrich Kathrin, Jung Andreas*, Held Swantje, von Einem Jobst C., Stintzing Sebastian, Giessen-Jung Clemens, Modest Dominik P.: *Impact of age on efficacy and early mortality of initial sequential treatment versus upfront combination chemotherapy in patients with metastatic colorectal cancer: a subgroup analysis of a phase III trial (AIO KRK0110, XELAVIRI study).* **European journal of cancer** 2020, 137:81 - 92. **München**_(7.275)
570. Kurz Christopher, Buizza Giulia, Landry Guillaume*, Kamp Florian, Rabe Moritz, Paganelli Chiara, Baroni Guido, Reiner Michael, Keall Paul J, van den Berg Cornelis A T, Riboldi Marco: *Medical physics challenges in clinical MR-guided radiotherapy.* **Radiation oncology** 2020, 15:93. **München**
571. Kutscher Lena*, Okonechnikov Konstantin*, Batora Nadja, Clark Jessica*, Silva Patricia B G*, Vouri Mikaella*, van Rijn Sjoerd*, Sieber Laura*, Statz Britta*, Gearhart Micah D, Shiraishi Ryo, Mack Norman*, Orr Brent A, Korshunov Andrey*, Gudenas Brian L, Smith Kyle S, Mercier Audrey L, Ayrault Olivier, Hoshino Mikio, Kool Marcel*, von Hoff Katja, Graf Norbert, Fleishhack Gudrun, Bardwell Vivian J*, Pfister Stefan M*, Northcott Paul A, Kawauchi Daisuke*: *Functional loss of a noncanonical BCOR-PRC1.1 complex accelerates SHH-driven medulloblastoma formation.* **Genes & development** 2020, 34:1161-1176. **Heidelberg**_(9.527)
572. Lacouture Mario E, Anadkat Milan J, Ballo Matthew T, Iwamoto Fabio, Jeyapalan Suriya A, La Rocca Renato V, Schwartz Margaret, Serventi Jennifer N, Glas Martin*: *Prevention and Management of Dermatologic Adverse Events Associated With Tumor Treating Fields in Patients With Glioblastoma.* **Frontiers in oncology** 2020, 10:1045. **Essen/Düsseldorf**
573. Lambo Sander*, von Hoff Katja, Korshunov Andrey*, Pfister Stefan M.*, Kool Marcel*: *ETMR: a tumor entity in its infancy.* **Acta neuropathologica** 2020, 140:249-266. **Heidelberg**_(14.256)
574. Lamping Mario, Benary Manuela, Leyvraz Serge, Messerschmidt Clemens, Blanc Eric, Kessler Thomas, Schütte Moritz, Lenze Dido, Jöhrens Korinna, Burock Susen, Klinghammer Konrad, Ochsenreither Sebastian, Sers Christine, Schäfer Reinhold*, Tinhofer Ingeborg*, Beule Dieter, Klauschen Frederick, Yaspo Marie-Laure, Keilholz Ulrich*, Rieke Damian T: *Support of a molecular tumour board by an evidence-based decision management system for precision oncology.* **European journal of cancer** 2020, 127:41 - 51. **Berlin**_(7.275)
575. Landi Maria Teresa, Bishop D Timothy, MacGregor Stuart, Machiela Mitchell J, Stratigos Alexander J, Ghiorzo Paola, Brossard Myriam, Calista Donato, Choi Jiyeon, Fagnoli Maria Concetta, Zhang Tongwu, Rodolfo Monica, Trower Adam J, Menin Chiara, Martinez Jacobo, Hadjisavvas Andreas, Song Lei, Stefanaki Irene, Scolyer Richard, Yang Rose, Goldstein Alisa M, Potrony Miriam, Kypreou Katerina P, Pastorino Lorenza, Queirolo Paola, Pellegrini Cristina, Cattaneo Laura, Zawistowski Matthew, Gimenez-Xavier Pol, Rodriguez Arantxa, Elefanti Lisa, Manoukian Siranoush, Rivoltini Licia, Smith Blair H, Loizidou Maria A, Del Regno Laura, Massi Daniela, Mandala Mario, Khosrotehrani Kiarash, Akslen Lars A, Amos Christopher I, Andresen Per A, Avril Marie-Françoise, Azizi Esther, Soyer H Peter, Bataille Veronique, Dalmasso Bruna, Bowdler Lisa M, Burdon Kathryn P, Chen Wei V, Codd Veryan, Craig Jamie E, Dębniak Tadeusz,

- Falchi Mario, Fang Shenyang, Friedman Eitan, Simi Sarah, Galan Pilar, Garcia-Casado Zaida, Gillanders Elizabeth M, Gordon Scott, Green Adele, Gruis Nelleke A, Hansson Johan, Harland Mark, Harris Jessica, Helsing Per, Henders Anjali, Hočevan Marko, Höiom Veronica, Hunter David, Ingvar Christian, Kumar Rajiv*, Lang Julie, Lathrop G Mark, Lee Jeffrey E, Li Xin, Lubiński Jan, Mackie Rona M, Malt Maryrose, Malvey Josep, McAloney Kerrie, Mohamdi Hamida, Molven Anders, Moses Eric K, Neale Rachel E, Novaković Srdjan, Nyholt Dale R, Olsson Håkan, Orr Nicholas, Fritsche Lars G, Puig-Butille Joan Anton, Qureshi Abrar A, Radford-Smith Graham L, Randerson-Moor Juliette, Requena Celia, Rowe Casey, Samani Nilesh J, Sanna Marianna, Schadendorf Dirk*, Schulze Hans-Joachim, Simms Lisa A, Smithers Mark, Song Fengju, Swerdlow Anthony J, van der Stoep Nienke, Kukutsch Nicole A, Visconti Alessia, Wallace Leanne, Ward Sarah V, Wheeler Lawrie, Sturm Richard A, Hutchinson Amy, Jones Kristine, Malasky Michael, Vogt Aurelie, Zhou Weiyin, Pooley Karen A, Elder David E, Han Jiali, Hicks Belynda, Hayward Nicholas K, Kanetsky Peter A, Brummett Chad, Montgomery Grant W, Olsen Catherine M, Hayward Caroline, Dunning Alison M, Martin Nicholas G, Evangelou Evangelos, Mann Graham J, Long Georgina, Pharoah Paul D P, Easton Douglas F, Barrett Jennifer H, Cust Anne E, Abecasis Goncalo, Duffy David L, Whiteman David C, Gogas Helen, De Nicolo Arcangela, Tucker Margaret A, Newton-Bishop Julia A, Consortium GenoMEL, Investigators Q-MEGA and QTWIN, Group ATHENS Melanoma Study, 23andMe, Group SDH Study, Investigators IBD, Investigators Essen-Heidelberg, Investigators AMFS, Consortium MelaNostrum, Peris Ketty, Chanock Stephen J, Demenais Florence, Brown Kevin M, Puig Susana, Nagore Eduardo, Shi Jianxin, Iles Mark M, Law Matthew H: *Genome-wide association meta-analyses combining multiple risk phenotypes provide insights into the genetic architecture of cutaneous melanoma susceptibility*. **Nature genetics** 2020, 52:494-504. **Essen/Düsseldorf**_(27.605)
576. Lang Fabian, Wunderle Lydia, Badura Susanne, Schleyer Eberhard, Brüggemann Monika, Serve Hubert*, Schnittger Susanne, Gökbüget Nicola, Pfeifer Heike, Wagner Sebastian, Ashelford Kevin, Bug Gesine, Ottmann Oliver G.: *A phase I study of a dual PI3-kinase/mTOR inhibitor BEZ235 in adult patients with relapsed or refractory acute leukemia*. **BMC pharmacology & toxicology** 2020, 21:70. **Frankfurt/Mainz**_
577. Lange Sebastian, Engleitner Thomas, Mueller Sebastian, Maresch Roman, Zwiebel Maximilian, González-Silva Laura, Schneider Günter, Banerjee Ruby, Yang Fengtang, Vassiliou George S, Friedrich Mathias J, Saur Dieter Karl Maximilian*, Varela Ignacio, Rad Roland*: *Analysis pipelines for cancer genome sequencing in mice*. **Nature protocols** 2020, 15:266-315. **München**_(10.419)
578. Laskin J., Liu S. V., Tolba K., Heining C.*, Schlenk R. F., Cheema P., Cadranel J., Jones M. R., Drilon A., Cseh A., Györffy S., Solca F., Duruisseau M.: *NRG1 fusion-driven tumors: biology, detection and the therapeutic role of afatinib and other ErbB-targeting agents*. **Annals of oncology** 2020, 31:1693-1703. **Dresden**_(18.274)
579. Laszig Stephanie, Boedicker Cathinka, Weiser Tim, Knapp Stefan*, Fulda Simone*: *The novel dual BET/HDAC inhibitor TW09 mediates cell death by mitochondrial apoptosis in rhabdomyosarcoma cells*. **Cancer letters** 2020, 486:46 - 57. **Frankfurt/Mainz**_(7.360)
580. Lategahn Jonas, Hardick Julia, Grabe Tobias, Niggenaber Janina, Jeyakumar Kirujan, Keul Marina, Tumbrink Hannah L., Becker Christian, Hodson Luke, Kirschner Tonia, Klövekorn Philip, Ketzer Julia*, Baumann Matthias, Terheyden Susanne, Unger Anke, Weisner Jörn, Müller Matthias P., van Otterlo Willem A. L., Bauer Sebastian*, Rauh Daniel: *Targeting Her2-insYVMA with Covalent Inhibitors—A Focused Compound Screening and Structure-Based Design Approach*. **Journal of medicinal chemistry** 2020, 63:11725 - 11755. **Essen/Düsseldorf**_(6.205)

581. Lauer Eliza M, Waterhouse Miguel, Braig Moritz, Mutter Jurik, Bleul Sabine, Duque-Afonso Jesús, Duyster Justus*, Marks Reinhard, Reinacher Peter C, Prinz Marco, Illerhaus Gerald, Finke Jürgen, Schorb Elisabeth, Scherer Florian*: *Ibrutinib in patients with relapsed/refractory central nervous system lymphoma: A retrospective single-centre analysis*. **British journal of haematology** 2020, 190:e110-e114. **Freiburg_(5.518)**
582. Lazaridis Lazaros*, Schäfer Niklas, Teuber-Hanselmann Sarah, Blau Tobias, Schmidt Teresa*, Oster Christoph*, Weller Johannes, Tzaridis Theofilos, Pierscianek Daniela*, Keyvani Kathy, Kleinschnitz Christoph, Stuschke Martin, Scheffler Björn, Deuschl Cornelius, Sure Ulrich*, Herrlinger Ulrich, Kebir Sied*, Glas Martin*: *Tumour Treating Fields (TTFields) in combination with lomustine and temozolomide in patients with newly diagnosed glioblastoma*. **Journal of cancer research and clinical oncology** 2020, 146:787 - 792. **Essen/Düsseldorf**
583. Lazzeroni M., Toma-Dasu I., Ureba A., Schiavo F., Wiedenmann N. *, Bunea H. *, Thomann B. *, Baltas D. *, Mix M., Stoykow C., Sörensen A., Grosu A. L. *: *Quantification of Tumor Oxygenation Based on FMISO PET: Influence of Location and Oxygen Level of the Well-Oxygenated Reference Region*. **Advances in experimental medicine and biology** 2020, 1232:177-182. **Freiburg**
584. Le Grand Marion, Mukha Anna, Püschel Jakob, Valli Emanuele, Kamili Alvin, Vittorio Orazio, Dubrovskaya Anna*, Kavallaris Maria: *Interplay between MycN and c-Myc regulates radioresistance and cancer stem cell phenotype in neuroblastoma upon glutamine deprivation*. **Theranostics** 2020, 10:6411 - 6429. **Dresden_(8.579)**
585. Le Philipp, Kunold Elena, Macsics Robert, Rox Katharina, Jennings Megan C, Ugur Ilke, Reinecke Maria*, Chaves-Moreno Diego, Hackl Mathias W, Fetzer Christian, Mandl Franziska A M, Lehmann Johannes, Korotkov Vadim S, Hacker Stephan M, Kuster Bernhard*, Antes Iris, Pieper Dietmar H, Rohde Manfred, Wuest William M, Medina Eva, Sieber Stephan A: *Repurposing human kinase inhibitors to create an antibiotic active against drug-resistant Staphylococcus aureus, persists and biofilms*. **Nature chemistry** 2020, 12:145-158. **München_(21.687)**
586. Lee Julieann C, Villanueva-Meyer Javier E, Ferris Sean P, Cham Elaine M, Zucker Jacob, Cooney Tabitha, Gilani Ahmed, Kleinschmidt-DeMasters Bette K, Trembath Dimitri, Mafra Manuela, Chiang Jason, Ellison David W, Cho Soo-Jin, Horvai Andrew E, Van Ziffle Jessica, Onodera Courtney, Devine Patrick, Grenert James P, de Voijis Carmen M A, van Blokland W T Marja, de Leng Wendy W J, Ploegmakers Marieke J, Flucke Uta, Pekmezci Melike, Bollen Andrew W, Tihan Tarik, Koelsche Christian, von Deimling Andreas*, Wesseling Pieter, Solomon David A, Perry Arie: *Clinicopathologic and Molecular Features of Intracranial Desmoplastic Small Round Cell Tumors*. **Brain pathology** 2020, 30:213-225. **Heidelberg_(5.568)**
587. Lee Rebecca Jane, Khandelwal Garima, Baenke Franziska*, Cannistraci Alessio, Macleod Kenneth, Mundra Piyushkumar, Ashton Garry, Mandal Amit, Viros Amaya, Gremel Gabriela, Galvani Elena, Smith Matthew, Carragher Neil, Dhomen Nathalie, Miller Crispin, Lorigan Paul, Marais Richard: *Brain microenvironment-driven resistance to immune and targeted therapies in acral melanoma*. **ESMO open** 2020, 5:e000707 **Dresden_(5.329)**
588. Leger Stefan*, Zwanenburg-Bezemer Alexander Adriaan*, Leger Karoline*, Lohaus Fabian*, Linge Annett*, Schreiber Andreas, Kalinauskaitė Goda*, Tinhofer Inge*, Guberina Nika*, Guberina Maja*, Balcermpas Panagiotis*, von der Grün Jens*, Ganswindt Ute*, Belka Claus*, Peeken Jan C*, Combs Stephanie E*, Boeke Simon*, Zips Daniel*, Richter Christian*, Krause Mechthild*, Baumann Michael*, Troost Esther*, Löck Steffen*: *Comprehensive Analysis of Tumour Sub-Volumes for Radiomic Risk Modelling in Locally Advanced HNSCC*. **Cancers** 2020, 12:3047 **Berlin, Essen/Düsseldorf, Frankfurt/Mainz, Dresden, Heidelberg, München,**

Tübingen_(6.126)

589. Lehmann L. H.*, Fröhling Stefan*: *Mechanismen der Kardiotoxizität onkologischer Therapien. Der Internist* 2020, 61:1132-1113. **Heidelberg**
590. Leiter Ulrike, Loquai Carmen, Reinhardt Lydia, Rafei-Shamsabadi David, Gutzmer Ralf, Kaehler Katharina, Heinzerling Lucie, Hassel Jessica C, Glutsch Valerie, Sirokay Judith, Schlecht Nora, Rübben Albert, Gambichler Thilo, Schatton Kerstin, Pfoehler Claudia, Franklin Cindy, Terheyden Patrick, Haferkamp Sebastian, Mohr Peter, Bischof Lena, Livingstone Elisabeth, Zimmer Lisa, Weichenthal Michael, Schadendorf Dirk, Meiwes Andreas, Keim Ulrike, Garbe Claus, Becker Jürgen Christian*, Ugurel Selma: *Immune checkpoint inhibition therapy for advanced skin cancer in patients with concomitant hematological malignancy: a retrospective multicenter DeCOG study of 84 patients. Journal for ImmunoTherapy of Cancer* 2020, 8:e000897 **Essen/Düsseldorf_(9.913)**
591. Lercher Alexander, Popa Alexandra M, Viczenczova Csilla, Kosack Lindsay, Klavins Kristaps, Agerer Benedikt, Opitz Christiane*, Lanz Tobias V, Platten Michael*, Bergthaler Andreas: *Hepatocyte-intrinsic type I interferon signaling reprograms metabolism and reveals a novel compensatory mechanism of the tryptophan-kynurenine pathway in viral hepatitis. PLoS pathogens* 2020, 16:e1008973 -. **Heidelberg_(6.218)**
592. Leroux Alejandro E, Biondi Ricardo M*: *Renaissance of Allostery to Disrupt Protein Kinase Interactions. Trends in biochemical sciences* 2020, 45:27-41. **Frankfurt/Mainz_(14.732)**
593. Lesch Stefanie, Benmebarek Mohamed-Reda, Cadilha Bruno L, Stoiber Stefan, Subklewe Marion*, Endres Stefan*, Kobold Sebastian*: *Determinants of response and resistance to CAR T cell therapy. Seminars in cancer biology* 2020, 65:80 - 90. **München_(11.090)**
594. Li Constance H, Prokopec Stephenie D, Sun Ren X, Yousif Fouad, Schmitz Nathaniel, Translation PCAWG Tumour Subtypes and Clinical, Boutros Paul C, Consortium PCAWG, et.al.: *Sex differences in oncogenic mutational processes. Nature Communications* 2020, 11:4330. **Heidelberg, Berlin_(12.121)**
595. Li Fenfang, Cima Igor*, Vo Jess Honganh, Tan Min-Han, Ohi Claus Dieter: *Single Cell Hydrodynamic Stretching and Microsieve Filtration Reveal Genetic, Phenotypic and Treatment-Related Links to Cellular Deformability. Micromachines* 2020, 11:486 **Essen/Düsseldorf**
596. Li Hongyan, Terry Mary Beth, Antoniou Antonis C, Phillips Kelly-Anne, Kast Karin*, Mooij Thea M, Engel Christoph, Noguès Catherine, Stoppa-Lyonnet Dominique, Lasset Christine, Berthet Pascaline, Mari Veronique, Caron Olivier, study GENEPSO, Barrowdale Daniel, Frost Debra, Brewer Carole, Evans D Gareth, Izatt Louise, Side Lucy, Walker Lisa, Tischkowitz Marc, Rogers Mark T, Porteous Mary E, Snape Katie, study EMBRACE, Meijers-Heijboer Hanne E J, Gille Johan J P, Blok Marinus J, Hoogerbrugge Nicoline, Investigators HEBON, Daly Mary B, Andrulis Irene L, Buys Sandra S, John Esther M, McLachlan Sue-Anne, Friedlander Michael, Investigators kConFab, Tan Yen Y, Osorio Ana, Caldes Trinidad, Jakubowska Anna, Simard Jacques, Singer Christian F, Olah Edith, Navratilova Marie, Foretova Lenka, Gerdes Anne-Marie, Roos-Blom Marie-José, Arver Brita, Olsson Håkan, Schmutzler Rita K, Hopper John L, Milne Roger L, Easton Douglas F, Van Leeuwen Flora E, Rookus Matti A, Andrieu Nadine, Goldgar David E: *Alcohol Consumption, Cigarette Smoking, and Risk of Breast Cancer for BRCA1 and BRCA2 Mutation Carriers: Results from The BRCA1 and BRCA2 Cohort Consortium. Cancer epidemiology, biomarkers & prevention* 2020, 29:368 - 378. **Dresden**
597. Li Xiaofei, Colamatteo Alessandra, Kalafati Lydia*, Kajikawa Tetsuhiro, Wang Hui, Lim Jong-

- Hyung, Bdeir Khalil, Chung Kyoung-Jin, Yu Xiang, Fusco Clorinda, Porcellini Antonio, De Simone Salvatore, Matarese Giuseppe, Chavakis Triantafyllos, De Rosa Veronica, Hajishengallis George: *The DEL-1/β3 integrin axis promotes regulatory T cell responses during inflammation resolution. The journal of clinical investigation* 2020, 130:6261 - 6277. **Dresden**_(11.864)
598. Li Yimin, Beck Marcus, Päßler Tom, Lili Chen, Hua Wu, Mai Ha Dong, Amthauer Holger, Biebl Matthias, Thuss-Patience Peter C, Berger Jasmin, Stromberger Carmen, Tinhof Ingeborg*, Kruppa Jochen, Budach Volker, Hofheinz Frank, Lin Qin, Zschaeck Sebastian: *A FDG-PET radiomics signature detects esophageal squamous cell carcinoma patients who do not benefit from chemoradiation. Scientific reports* 2020, 10:17671. **Berlin**
599. Li Yilong, Roberts Nicola D, Wala Jeremiah A, Shapira Ofer, Schumacher Steven E, Kumar Kiran, Khurana Ekta, Waszak Sebastian, Korbel Jan O, Haber James E, Imielinski Marcin, Group PCAWG Structural Variation Working, Weischenfeldt Joachim, Beroukhi Rameen, Campbell Peter J, Consortium PCAWG, Akdemir Kadir C, Alvarez Eva G, Baez-Ortega Adrian, Beroukhi Rameen, Boutros Paul C, Bowtell David D L, Brors Benedikt*, Burns Kathleen H, Campbell Peter J, Chan Kin, Chen Ken, Cortés-Ciriano Isidro, Dueso-Barroso Ana, Dunford Andrew J, Edwards Paul A, Estivill Xavier, Etemadmoghadam Dariush, Feuerbach Lars*, Fink J Lynn, Frenkel-Morgenstern Milana, Garsed Dale W, Gerstein Mark, Gordenin Dmitry A, Haan David, Haber James E, Hess Julian M, Hutter Barbara*, Imielinski Marcin, Jones David T W*, Ju Young Seok, Kazanov Marat D, Klimczak Leszek J, Koh Youngil, Korbel Jan O, Kumar Kiran, Lee Eunjung Alice, Lee Jake June-Koo, Li Yilong, Lynch Andy G, Macintyre Geoff, Markowitz Florian, Martincorena Iñigo, Martinez-Fundichely Alexander, Meyerson Matthew, Miyano Satoru, Nakagawa Hirowaki, Navarro Fabio C P, Ossowski Stephan, Park Peter J, Pearson John V, Puiggròs Montserrat, Rippe Karsten*, Roberts Nicola D, Roberts Steven A, Rodriguez-Martin Bernardo, Schumacher Steven E, Scully Ralph, Shackleton Mark, Sidiropoulos Nikos, Sieverling Lina*, Stewart Chip, Torrents David, Tubio Jose M C, Villasante Izar, Waddell Nicola, Wala Jeremiah A, Weischenfeldt Joachim, Yang Lixing, Yao Xiaotong, Yoon Sung-Soo, Zamora Jorge, Zhang Cheng-Zhong: *Patterns of somatic structural variation in human cancer genomes. Nature <London>* 2020, 578:112 - 121. **Heidelberg**_(42.778)
600. Lichtenegger Felix S, Schnorfeil Frauke*, Rothe Maurine, Deiser Katrin, Altmann Torben, Bücklein Veit L, Köhnke Thomas, Augsburg Christian, Konstandin Nikola P, Spiekermann Karsten, Moosmann Andreas, Boehm Stephan, Boxberg Melanie, Heemskerk Mirjam Hm, Goerlich Dennis, Wittmann Georg, Wagner Beate, Hiddemann Wolfgang*, Schendel Dolores J, Kvalheim Gunnar, Bigalke Iris, Subklewe Marion: *Toll-like receptor 7/8-matured RNA-transduced dendritic cells as post-remission therapy in acute myeloid leukaemia: results of a phase I trial. Clinical & Translational Immunology* 2020, 9:e1117. **München**_(6.464)
601. Liermann Jakob, Shinoto Makoto, Syed Mustafa, Debus Jürgen*, Herfarth Klaus*, Naumann Patrick: *Carbon ion radiotherapy in pancreatic cancer: A review of clinical data. Radiotherapy and oncology* 2020, 147:145 - 150. **Heidelberg**
602. Liermann Jakob, Winkler Julia K., Syed Mustafa, Neuberger Ulf, Reuss David, Harrabi Semi, Naumann Patrick, Ristau Jonas, Weykamp Fabian, El Shafie Rami A., König Laila, Debus Jürgen*, Hassel Jessica, Rieken Stefan: *Stereotactic Radiosurgery With Concurrent Immunotherapy in Melanoma Brain Metastases Is Feasible and Effective. Frontiers in oncology* 2020, 10:592796. **Heidelberg**
603. Lieveer Relinde I Y, Van Limbergen Evert J, Oberije Cary J G, Troost Esther G C, Hadrup Sine R, Dingemans Anne-Marie C, Hendriks Lizza E L, Eckert Franziska, Hiley Crispin, Doms Christophe,

- Lievens Yolande, de Jong Monique C, Bussink Johan, Geets Xavier, Valentini Vincenzo, Elia Giuliano, Neri Dario, Billiet Charlotte, Abdollahi Amir*, Pasquier David, Boisselier Pierre, Yaromina Ala, De Ruysscher Dirk, Dubois Ludwig J, Lambin Philippe: *Stereotactic ablative body radiotherapy (SABR) combined with immunotherapy (L19-IL2) versus standard of care in stage IV NSCLC patients, ImmunoSABR: a multicentre, randomised controlled open-label phase II trial. BMC cancer* 2020, 20:557. **Heidelberg**
604. Liew Hans*, Mein Stewart*, Debus Jürgen*, Dokic Ivana*, Mairani Andrea*: *Modeling Direct and Indirect Action on Cell Survival After Photon Irradiation under Normoxia and Hypoxia. International journal of molecular sciences* 2020, 21:3471. **Heidelberg**
605. Lifferth Mona*, Sachpazidis Ilias*, Bostel Tilman*, Fechter Tobias*, Zamboglou Constantinos*, Thieke Christian, Jäkel Oliver*, Huber Peter E. *, Debus Jürgen*, Baltas Dimos*, Nicolay Nils*: *Dosimetric Impact of the Positional Imaging Frequency for Hypofractionated Prostate Radiotherapy – A Voxel-by-Voxel Analysis. Frontiers in oncology* 2020, 10:564068. **Freiburg**
606. Lim M. S., Beyer Thomas, Babayan A., Bergmann M., Brehme M., Buyx A., Czernin J., Egger G., Elenitoba-Johnson K. S. J., Gückel B., Jačan A., Haslacher H., Hicks R. J., Kenner L., Langanke M., Mitterhauser M., Pichler B. J., Salih H. R. *, Schibli R., Schulz S., Simecek J., Simon J., Soares M. O., Stelzl U., Wadsak W., Zatloukal K., Zeitlinger M., Hacker M.: *Advancing Biomarker Development Through Convergent Engagement: Summary Report of the 2nd International Danube Symposium on Biomarker Development, Molecular Imaging and Applied Diagnostics; March 14-16, 2018; Vienna, Austria. Molecular imaging & biology* 2020, 22:47-65. **Tübingen**
607. Lin Shu-Hong, Sampson Joshua N, Grünewald Thomas G P*, Surdez Didier, Reynaud Stephanie, Mirabeau Olivier, Karlins Eric, Rubio Rebeca Alba, Zaidi Sakina, Grossetête-Lalami Sandrine, Ballet Stelly, Lapouble Eve, Laurence Valérie, Michon Jean, Pierron Gaele, Kovar Heinrich, Kontny Udo, González-Neira Anna, Alonso Javier, Patino-Garcia Ana, Corradini Nadège, Bérard Perrine Marec, Miller Jeremy, Freedman Neal D, Rothman Nathaniel, Carter Brian D, Dagnall Casey L, Burdett Laurie, Jones Kristine, Manning Michelle, Wyatt Kathleen, Zhou Weiyin, Yeager Meredith, Cox David G, Hoover Robert N, Khan Javed, Armstrong Gregory T, Leisenring Wendy M, Bhatia Smita, Robison Leslie L, Kulozik Andreas E, Kriebel Jennifer, Meitingner Thomas, Metzler Markus, Krumbholz Manuela, Hartmann Wolfgang, Strauch Konstantin, Kirchner Thomas, Dirksen Uta, Mirabello Lisa, Tucker Margaret A, Tirode Franck, Morton Lindsay M, Chanock Stephen J, Delattre Olivier, Machiela Mitchell J: *Low-frequency variation near common germline susceptibility loci are associated with risk of Ewing sarcoma. PLOS ONE* 2020, 15:e0237792 -. **Heidelberg, Essen/Düsseldorf**
608. Link Theresa*, Passek Simon*, Wimberger Pauline*, Frank Kerstin, Vassileva Yana*, Kramer Michael, Kuhlmann Jan Dominik*: *Serum calretinin as an independent predictor for platinum resistance and prognosis in ovarian cancer. International journal of cancer* 2020, 146:2608-2618. **Dresden_(5.145)**
609. Lippmann Jana, Petri Kathrin, Fulda Simone*, Liese Juliane*: *Redox Modulation and Induction of Ferroptosis as a New Therapeutic Strategy in Hepatocellular Carcinoma. Translational oncology* 2020, 13:100785. **Frankfurt/Mainz**
610. Liu Jingjing, Prager-van der Smitten Wendy J C, Collée J Margriet, Bolla Manjeet K, Wang Qin, Michailidou Kyriaki, Dennis Joe, Ahearn Thomas U, Aittomäki Kristiina, Ambrosone Christine B, Andrulis Irene L, Anton-Culver Hoda, Antonenkova Natalia N, Arndt Volker*, Arnold Norbert, Aronson Kristan J, Augustinsson Annelie, Auvinen Päivi, Becher Heiko, Beckmann Matthias W, Behrens Sabine*, Bermisheva Marina, Bernstein Leslie, Bogdanova Natalia V, Bogdanova-

Markov Nadja, Bojesen Stig E, Brauch Hiltrud, Brenner Hermann*, Briceno Ignacio, Brucker Sara Y, Brüning Thomas, Burwinkel Barbara*, Cai Qiuyin, Cai Hui, Campa Daniele, Canzian Federico*, Castela Jose E, Chang-Claude Jenny*, Chanock Stephen J, Choi Ji-Yeob, Christiaens Melissa, Clarke Christine L, Collaborators NBCS, Couch Fergus J, Czene Kamila, Daly Mary B, Devilee Peter, Dos-Santos-Silva Isabel, Dwek Miriam, Eccles Diana M, Eliassen A Heather, Fasching Peter A, Figueroa Jonine, Flyger Henrik, Fritschi Lin, Gago-Dominguez Manuela, Gapstur Susan M, García-Closas Montserrat, García-Sáenz José A, Gaudet Mia M, Giles Graham G, Goldberg Mark S, Goldgar David E, Guénel Pascal, Haiman Christopher A, Håkansson Niclas, Hall Per, Harrington Patricia A, Hart Steven N, Hartman Mikael, Hillemanns Peter, Hopper John L, Hou Ming-Feng, Hunter David J, Huo Dezheng, Investigators ABCTB, Ito Hidemi, Iwasaki Motoki, Jakimovska Milena, Jakubowska Anna, John Esther M, Kaaks Rudolf*, Kang Daehee, Keeman Renske, Khusnutdinova Elza, Kim Sung-Won, Kraft Peter, Kristensen Vessela N, Kurian Allison W, Le Marchand Loic, Li Jingmei, Lindblom Annika, Lophatananon Artitaya, Luben Robert N, Lubiński Jan, Mannermaa Arto, Manoochehri Mehdi*, Manoukian Siranoush, Margolin Sara, Mariapun Shivaani, Matsuo Keitaro, Maurer Tabea, Mavroudis Dimitrios, Meindl Alfons, Menon Usha, Milne Roger L, Muir Kenneth, Mulligan Anna Marie, Neuhausen Susan L, Nevanlinna Heli, Offit Kenneth, Olopade Olufunmilayo I, Olson Janet E, Olsson Håkan, Orr Nick, Park Sue K, Peterlongo Paolo, Peto Julian, Plaseska-Karanfilska Dijana, Presneau Nadege, Rack Brigitte, Rau-Murthy Rohini, Rennert Gad, Rennert Hedy S, Rhenius Valerie, Romero Atocha, Ruebner Matthias, Saloustros Emmanouil, Schmutzler Rita K, Schneeweiss Andreas, Scott Christopher, Shah Mitul, Shen Chen-Yang, Shu Xiao-Ou, Simard Jacques, Sohn Christof, Southey Melissa C, Spinelli John J, Tamimi Rulla M, Tapper William J, Teo Soo H, Terry Mary Beth, Torres Diana, Truong Thérèse, Untch Michael, Vachon Celine M, van Asperen Christi J, Wolk Alicja, Yamaji Taiki, Zheng Wei, Ziogas Argyrios, Ziv Elad, Torres-Mejía Gabriela, Dörk Thilo, Swerdlow Anthony J, Hamann Ute*, Schmidt Marjanka K, Dunning Alison M, Pharoah Paul D P, Easton Douglas F, Hoening Maartje J, Martens John W M, Hollestelle Antoinette, Sahlberg Kristine K, Børresen-Dale Anne-Lise, Ottestad Lars, Kåresen Rolf, Schlichting Ellen, Holmen Marit Muri, Sauer Toril, Haakensen Vilde, Engebråten Olav, Naume Bjørn, Fosså Alexander, Kiserud Cecile E, Reinertsen Kristin V, Helland Åslaug, Riis Margit, Geisler Jürgen, Alnæs Grethe I Grenaker, Clarke Christine, Marsh Deborah, Scott Rodney, Baxter Robert, Yip Desmond, Carpenter Jane, Davis Alison, Pathmanathan Nirmala, Simpson Peter, Graham Dinny, Sachchithananthan Mythily: *Germline HOXB13 mutations p.G84E and p.R217C do not confer an increased breast cancer risk. Scientific reports* 2020, 10:9688. **Tübingen**

611. Liu Wen-Hsin, Mrozek-Gorska Paulina, Wirth Anna-Katharina, Herold Tobias, Schwarzkopf Larissa, Pich Dagmar, Völse Kerstin, Melo-Narváez M Camila, Carlet Michela, Hammerschmidt Wolfgang, Jeremias Irmela*: *Inducible transgene expression in PDX models in vivo identifies KLF4 as a therapeutic target for B-ALL. Biomarker Research* 2020, 8:46. **München**
612. Livingstone E., Zaremba A., Horn S.*, Ugurel S.*, Casalini B.*, Schlaak M., Hassel J. C., Herbst R., Utikal J. S.*, Weide B., Gutzmer R., Meier F., Koelsche C., Hadaschik E., Sucker A.*, Reis H., Merkelbach-Bruse S., Siewert M.*, Sahm F.*, von Deimling A.*, Cosgarea I., Zimmer L.*, Schadendorf D., Schilling B., Griewank K. G.: *GNAQ and GNA11 mutant non-uvéal melanoma, a subtype distinct from both cutaneous and uveal melanoma. British journal of dermatology* 2020, 183:928-939. **Heidelberg, Essen/Düsseldorf (7.000)**
613. Lodde Georg, Zimmer Lisa, Livingstone Elisabeth, Schadendorf Dirk*, Ugurel Selma: *[Malignant melanoma]. Der Hautarzt* 2020, 71:63-77. **Essen/Düsseldorf**
614. Loff Simon, Dietrich Josephine, Meyer Jan-Erik, Riewaldt Julia, Spehr Johannes, von Bonin

- Malte*, Gründer Cordula, Swayampakula Mridula, Franke Kristin, Feldmann Anja, Bachmann Michael*, Ehninger Gerhard, Ehninger Armin, Cartellieri Marc: *Rapidly Switchable Universal CAR-T Cells for Treatment of CD123-Positive Leukemia*. **Molecular therapy** 2020, 17:408 - 420. **Dresden_(8.986)**
615. Loosen Sven H., Gaisa Nadine T., Schmeding Maximilian, Heining Christoph*, Uhrig Sebastian*, Wirtz Theresa H., Kalverkamp Sebastian, Spillner Jan, Tacke Frank, Stenzinger Albrecht*, Glimm Hanno*, Fröhling Stefan*, Trautwein Christian, Roderburg Christoph, Longerich Thomas, Neumann Ulf Peter, Luedde Tom: *Prolonged Survival of a Patient with Advanced-Stage Combined Hepatocellular-Cholangiocarcinoma*. **Case reports in gastroenterology** 2020, 14:658 - 667. **Dresden, Heidelberg**
616. Lorentino Francesca, Sacchi Nicoletta, Oldani Elena, Miotti Valeria, Picardi Alessandra, Gallina Anna Maria, Crivello Pietro, Bernasconi Paolo, Saccardi Riccardo, Farina Lucia, Benedetti Fabio, Cerno Michela, Grassi Anna, Bruno Benedetto, Patriarca Francesca, Ciceri Fabio, Fleischhauer Katharina*, Vago Luca, Bonifazi Francesca: *Comparative evaluation of biological human leukocyte antigen DPB1 mismatch models for survival and graft-versus-host disease prediction after unrelated donor hematopoietic cell transplantation*. **Haematologica** 2020, 105:e186 - e189. **Essen/Düsseldorf_(7.116)**
617. Louis David N, Wesseling Pieter, Aldape Kenneth, Brat Daniel J, Capper David*, Cree Ian A, Eberhart Charles, Figarella-Branger Dominique, Fouladi Maryam, Fuller Gregory N, Giannini Caterina, Haberler Christine, Hawkins Cynthia, Komori Takashi, Kros Johan M, Ng H. K., Orr Brent A, Park Sung-Hye, Paulus Werner, Perry Arie, Pietsch Torsten, Reifenberger Guido*, Rosenblum Marc, Rous Brian, Sahm Felix*, Sarkar Chitra, Solomon David A, Tabori Uri, van den Bent Martin J, von Deimling Andreas*, Weller Michael, White Valerie A, Ellison David W: *cIMPACT-NOW update 6: new entity and diagnostic principle recommendations of the cIMPACT-Utrecht meeting on future CNS tumor classification and grading*. **Brain pathology** 2020, 30:844-856. **Berlin, Essen/Düsseldorf, Heidelberg_(5.568)**
618. Louis David N, Wesseling Pieter, Brandner Sebastian, Brat Daniel J, Ellison David W, Giangaspero Felice, Hattab Eyas M, Hawkins Cynthia, Judge Meagan J, Kleinschmidt-DeMasters Bette, Komori Takashi, McLean Catriona, Paulus Werner, Perry Arie, Reifenberger Guido*, Weller Michael, Rous Brian: *Data Sets for the Reporting of Tumors of the Central Nervous System: Recommendations From The International Collaboration on Cancer Reporting*. **Cinémas** 2020, 144:196 - 206. **Essen/Düsseldorf**
619. Loureiro Liliana R, Feldmann Anja, Bergmann Ralf, Koristka Stefanie, Berndt Nicole*, Máthé Domokos, Hegedüs Nikolett, Szigeti Krisztián, Videira Paula A, Bachmann Michael*, Arndt Claudia: *Extended half-life target module for sustainable UniCAR T-cell treatment of STn-expressing cancers*. **Journal of experimental & clinical cancer research** 2020, 39:77. **Dresden_(7.068)**
620. Lövgren Tanja, Wolodarski Maria, Wickström Stina, Edbäck Ulrika, Wallin Mette, Martell Eva, Markland Katrin, Blomberg Pontus, Nyström Maria, Lundqvist Andreas, Jacobsson Hans, Ullenhag Gustav, Ljungman Per, Hansson Johan, Masucci Giuseppe, Tell Roger, Poschke Isabel*, Adamson Lars, Mattsson Jonas, Kiessling Rolf: *Complete and long-lasting clinical responses in immune checkpoint inhibitor-resistant, metastasized melanoma treated with adoptive T cell transfer combined with DC vaccination*. **OncImmunology** 2020, 9:1792058. **Heidelberg_(5.869)**
621. Lu I-Na*, Muller Claude P, He Feng Q: *Applying next-generation sequencing to unravel the mutational landscape in viral quasispecies*. **Virus research** 2020, 283:197963. **Essen/Düsseldorf**

622. Lübbert Michael*, Grishina Olga, Schmoor Claudia, Schlenk Richard, Jost Edgar, Crysandt Martina, Heuser Michael, Thol Felicitas, Salih Helmut*, Schittenhelm Marcus M, Germing Ulrich, Kuendgen Andrea*, Götze Katharina S*, Lindemann Hans-Walter, Müller-Tidow Carsten*, Heil Gerhard, Scholl Sebastian, Bug Gesine*, Schwaenen Carsten, Giagounidis Aristoteles, Neubauer Andreas, Krauter Jürgen, Brugger Wolfram, De Wit Maike, Wäsch Ralph, Becker Heiko, May Annette M*, Duyster Justus*, Döhner Konstanze, Ganser Arnold, Hackanson Björn, Döhner Hartmut, Team DECIDER Study: *Valproate and Retinoic Acid in Combination With Decitabine in Elderly Nonfit Patients With Acute Myeloid Leukemia: Results of a Multicenter, Randomized, 2 × 2, Phase II Trial*. **Journal of clinical oncology** 2020, 38:257-270. **Freiburg, Tübingen, Essen/Düsseldorf, München, Heidelberg, Frankfurt/Mainz_(32.956)**
623. Lübke Maren, Spalt Stefanie*, Kowalewski Daniel J, Zimmermann Cosima, Bauersfeld Liane, Nelde Annika, Bichmann Leon, Marcu Ana, Peper Janet Kerstin, Kohlbacher Oliver, Walz Juliane S, Le-Trilling Vu Thuy Khanh, Hengel Hartmut, Rammensee Hans-Georg*, Stevanović Stefan, Halenius Anne: *Identification of HCMV-derived T cell epitopes in seropositive individuals through viral deletion models*. **Journal of experimental medicine** 2020, 217:e20191164. **Tübingen_(11.743)**
624. Ludmir Ethan B, Fuller C David, Moningi Shalini, Mainwaring Walker, Lin Timothy A, Miller Austin B, Jethanandani Amit, Espinoza Andres F, Verma Vivek, Smith Benjamin D, Smith Grace L, VanderWalde Noam A, Holliday Emma B, Guadagnolo B Ashleigh, Stinchcombe Thomas E, Jagsi Reshma, Gomez Daniel R, Minsky Bruce D, Rödel Claus*, Fokas Emmanouil*: *Sex-Based Disparities Among Cancer Clinical Trial Participants*. **Journal of the National Cancer Institute** 2020, 112:211-213. **Frankfurt/Mainz_(11,577)**
625. Lueong Smiths S*, Herbst Andreas*, Liffers Sven-Thorsten*, Bielefeld Nicola*, Horn Peter A*, Tannapfel Andrea, Reinacher-Schick Anke, Hinke Axel, Hegewisch-Becker Susanna, Kolligs Frank T*, Siveke Jens*: *Serial Circulating Tumor DNA Mutational Status in Patients with KRAS-Mutant Metastatic Colorectal Cancer from the Phase 3 AIO KRK0207 Trial*. **Clinical chemistry** 2020, 66:1510 - 1520. **Essen/Düsseldorf, München_(7.292)**
626. Luger Anna-Luisa*, Lorenz Nadja I*, Urban Hans*, Divé Iris*, Engel Anna L*, Straßheimer Florian*, Dettmer Katja, Zeiner Pia S*, Shaid Shabnam, Struve Nina, Kriegs Malte, Hofmann Ute, Oefner Peter J, Harter Patrick N*, Steinbach Joachim P*, Ronellenfitsch Michael W*: *Activation of Epidermal Growth Factor Receptor Sensitizes Glioblastoma Cells to Hypoxia-Induced Cell Death*. **Cancers** 2020, 12:2144 -. **Frankfurt/Mainz_(6.126)**
627. Lukas Mathias, Kluge Anne, Beindorff Nicola, Brenner Winfried*: *Multi-Isotope Capabilities of a Small-Animal Multi-Pinhole SPECT System*. **Journal of nuclear medicine** 2020, 61:152 - 161. **Berlin_(7.887)**
628. Lutsik Pavlo*, Baude Annika*, Mancarella Daniela*, Öz Aliye Simin*, Kühn Alexander*, Toth Reka*, Hey Joschka*, Toprak Umut H*, Lim Jinyeong, Nguyen Viet Ha, Jiang Chao, Mayakonda Anand*, Hartmann Mark*, Rosemann Felix, Breuer Kersten*, Vonficht Dominik*, Grünschlager Florian*, Lee Suman, Schuhmacher Maren Kirstin, Kusevic Denis, Jauch Anna, Weichenhan Dieter*, Zustin Jozef, Schlesner Matthias*, Haas Simon*, Park Joo Hyun, Park Yoon Jung, Oppermann Udo, Jeltsch Albert, Haller Florian, Fellenberg Jörg, Lindroth Anders M, Plass Christoph*: *Globally altered epigenetic landscape and delayed osteogenic differentiation in H3.3-G34W-mutant giant cell tumor of bone*. **Nature Communications** 2020, 11:5414. **Heidelberg_(12.121)**
629. Lyu Yanhong*, Caudron-Herger Maiwen*, Diederichs Sven*: *circ2GO: A Database Linking*

Circular RNAs to Gene Function. Cancers 2020, 12:2975. **Freiburg_(6.126)**

630. Macarulla Mercadé Teresa, Chen Li-Tzong, Li Chung-Pin, Siveke Jens T*, Cunningham David, Bodoky György, Blanc Jean-Frédéric, Lee Kyung-Hun, Dean Andrew, Belanger Bruce, Wang-Gillam Andrea: *Liposomal Irinotecan + 5-FU/LV in Metastatic Pancreatic Cancer: Subgroup Analyses of Patient, Tumor, and Previous Treatment Characteristics in the Pivotal NAPOLI-1 Trial. Pancreas* 2020, 49:62 - 75. **Essen/Düsseldorf**
631. Madhusudhan Nandhitha, Pausan Manuela R, Halwachs Bettina, Durdević Marija, Windisch Markus, Kehrmann Jan, Patra VijayKumar, Wolf Peter, Boukamp Petra, Moissl-Eichinger Christine, Cerroni Lorenzo, Becker Jürgen C*, Gorkiewicz Gregor: *Molecular Profiling of Keratinocyte Skin Tumors Links Staphylococcus aureus Overabundance and Increased Human β -Defensin-2 Expression to Growth Promotion of Squamous Cell Carcinoma. Cancers* 2020, 12:541 **Essen/Düsseldorf_(6.126)**
632. Mair Maximilian J, Wöhrer Adelheid, Furtner Julia, Simonovska Anika, Kiesel Barbara, Oberndorfer Stefan, Ungersböck Karl, Marosi Christine, Sahm Felix*, Hainfellner Johannes A, Rössler Karl, Preusser Matthias, Widhalm Georg, Berghoff Anna S: *Clinical characteristics and prognostic factors of adult patients with pilocytic astrocytoma. Journal of neuro-oncology* 2020, 148:187-198. **Heidelberg**
633. Makarevic Anastasia, Rapp Carmen, Dettling Steffen, Reuss David*, Jungk Christine, Abdollahi Amir*, von Deimling Andreas*, Unterberg Andreas, Herold-Mende Christel*, Warta Rolf: *Increased Radiation-Associated T-Cell Infiltration in Recurrent IDH-Mutant Glioma. International journal of molecular sciences* 2020, 21:7801. **Heidelberg**
634. Mamlouk Soulaifa*, Simon Tincy, Tomás Laura, Wedge David C, Arnold Alexander, Menne Andrea*, Horst David, Capper David, Morkel Markus, Posada David, Sers Christine*, Bläker Hendrik: *Malignant transformation and genetic alterations are uncoupled in early colorectal cancer progression. BMC biology* 2020, 18:116. **Berlin_(6.765)**
635. Manapov Farkhad*, Käsmann Lukas*, Roengvoraphoj Olarn, Belka Claus*, Eze Chukwuka: *Multimodal 'synergistic' treatment based on tumour immunological contexture for advanced non-driver non-small cell lung cancer: A myth or reality? European journal of cancer care* 2020, 29:e13291. **München**
636. Mandal Ranadip, Barrón Joan Compte, Kostova Izabela, Becker Sven, Strebhardt Klaus*: *Caspase-8: The double-edged sword. Biochimica et biophysica acta / Reviews on cancer Reviews on cancer []* 2020, 1873:188357. **Frankfurt/Mainz_(7.365)**
637. Marchetto Aruna, Grünewald Thomas*: *SOX6: a double-edged sword for Ewing sarcoma. Molecular & cellular oncology* 2020, 7:1783081. **München**
638. Marchetto Aruna, Ohmura Shunya, Orth Martin F, Knott Maximilian M L, Colombo Maria V, Arrigoni Chiara, Bardinete Victor, Saucier David, Wehweck Fabienne S, Li Jing, Stein Stefanie, Gerke Julia S, Baldauf Michaela C, Musa Julian, Dallmayer Marlene, Romero-Pérez Laura*, Hölting Tilman L B, Amatruda James F, Cossarizza Andrea, Henssen Anton G*, Kirchner Thomas*, Moretti Matteo, Cidre-Aranaz Florencia, Sannino Giuseppina, Grünewald Thomas*: *Oncogenic hijacking of a developmental transcription factor evokes vulnerability toward oxidative stress in Ewing sarcoma. Nature Communications* 2020, 11:2423. **Berlin, München_(12.121)**
639. Märklin Melanie*, Bugl Stefanie, Wirths Stefan, Frick Julia-Stefanie, Müller Martin R, Kopp Hans-Georg, Schneidawind Dominik: *Oral intake of lipopolysaccharide regulates toll-like receptor 4-*

- dependent granulopoiesis. Experimental biology and medicine* 2020, 245:1254 - 1259. **Tübingen**
640. Märklin Melanie*, Fuchs Alexander R, Tandler Claudia*, Heitmann Jonas S*, Salih Helmut R*, Kauer Joseph, Quintanilla-Martinez Leticia, Wirths Stefan, Kopp Hans-Georg, Müller Martin R: *Genetic Loss of LCK Kinase Leads to Acceleration of Chronic Lymphocytic Leukemia. Frontiers in immunology* 2020, 11:1995. **Tübingen**_(5.085)
641. Märklin Melanie*, Hagelstein Ilona*, Hinterleitner Clemens, Salih Helmut R*, Kauer Joseph*, Heitmann Jonas S*: *CD105 (endoglin) as risk marker in AML patients undergoing stem cell transplantation. International journal of hematology* 2020, 112:57-64. **Tübingen**
642. Märklin Melanie*, Heitmann Jonas S*, Kauer Joseph*, Wirths Stefan, Müller Martin R: *Genetic loss of NFAT2 (NFATc1) impairs B cell development of B1 and B2 B cells. Cellular immunology* 2020, 349:104048. **Tübingen**
643. Märklin Melanie*, Tandler Claudia*, Kopp Hans-Georg, Hoehn Kyle L, Quintanilla-Martinez Leticia, Borst Oliver, Müller Martin R, Saur Sebastian J: *C-Cbl regulates c-MPL receptor trafficking and its internalization. Journal of cellular and molecular medicine* 2020, 24:12491-12503. **Tübingen**
644. Markó Lajos, Park Joon-Keun, Henke Norbert, Rong Song, Balogh András, Klamer Samuel, Bartolomaeus Hendrik, Wilck Nicola, Ruland Jürgen*, Forslund Sofia K, Luft Friedrich C, Dechend Ralf, Müller Dominik N: *B-cell lymphoma/leukaemia 10 and angiotensin II-induced kidney injury. Cardiovascular research* 2020, 116:1059-1070. **München**_(8.168)
645. Maron Roman*, Utikal Jochen*, Hekler Achim*, Hauschild Axel, Sattler Elke, Sondermann Wiebke, Haferkamp Sebastian, Schilling Bastian, Heppt Markus V, Jansen Philipp, Reinholz Markus, Franklin Cindy, Schmitt Laurenz, Hartmann Daniela, Krieghoff-Henning Eva*, Schmitt Max*, Weichenthal Michael, von Kalle Christof, Fröhling Stefan*, Brinker Titus*: *Artificial Intelligence and Its Effect on Dermatologists' Accuracy in Dermoscopic Melanoma Image Classification: Web-Based Survey Study. Journal of medical internet research* 2020, 22:e18091. **Heidelberg**_(5.034)
646. Maros Máté E, Capper David*, Jones David T W*, Hovestadt Volker*, von Deimling Andreas*, Pfister Stefan M*, Benner Axel*, Zucknick Manuela, Sill Martin*: *Machine learning workflows to estimate class probabilities for precision cancer diagnostics on DNA methylation microarray data. Nature protocols* 2020, 15:479-512. **Berlin, Heidelberg**_(10.419)
647. Marschner Dominik, Falk Martina, Javorniczky Nora Rebeka, Hanke-Müller Kathrin, Rawluk Justyna, Schmitt-Graeff Annette, Simonetta Federico, Haring Eileen, Dicks Severin, Ku Manching, Duquesne Sandra, Aumann Konrad, Rafei-Shamsabadi David, Meiss Frank, Marschner Patrick, Boerries Melanie*, Negrin Robert S, Duyster Justus, Zeiser Robert, Köhler Natalie: *MicroRNA-146a regulates immune-related adverse events caused by immune checkpoint inhibitors. JCI insight* 2020, 5:e132334. **Freiburg**_(6.205)
648. Marschner Sebastian*, Corradini Stefanie, Rauch Josefine, Zacharias Richard, Sujic Ana, Mayerle Julia, Petru Raluca, Grabein Béatrice, Keppler Oliver T, Boelke Edwin, Belka Claus*, Niyazi Maximilian*: *SARS-CoV-2 prevalence in an asymptomatic cancer cohort - results and consequences for clinical routine. Radiation oncology* 2020, 15:165. **München**
649. Martin Daniel*, Balermipas Panagiotis, Gollrad Johannes, Weiß Christian, Valentini Chiara, Stuschke Martin, Schäfer Henning, Henckenberens Christoph, Debus Jürgen, Krug David, Kuhnt Thomas, Brunner Thomas, Bostel Tilman, Engenhart-Cabillic Rita, Nestle Ursula, Combs

- Stephanie, Belka Claus, Hautmann Matthias, Hildebrandt Guido, Gani Cihan, Polat Bülent, Rödel Claus*, Fokas Emmanouil*: *RADIANCE - Radiochemotherapy with or without Durvalumab in the treatment of anal squamous cell carcinoma: A randomized multicenter phase II trial. Clinical and translational radiation oncology* 2020, 23:43 - 49. **Frankfurt/Mainz**
650. Martin Daniel*, Rödel Franz*, von der Grün Jens*, Rödel Claus*, Fokas Emmanouil*: *Acute organ toxicity correlates with better clinical outcome after chemoradiotherapy in patients with anal carcinoma. Radiotherapy and oncology* 2020, 149:168 - 173. **Frankfurt/Mainz**
651. Martin Daniel*, von der Grün Jens*, Rödel Claus*, Fokas Emmanouil*: *Management of anal cancer patients - a pattern of care analysis in German-speaking countries. Radiation oncology* 2020, 15:122. **Frankfurt/Mainz**
652. Martin Daniel*, von der Grün Jens*, Rödel Claus*, Fokas Emmanouil*: *Sarcopenia Is Associated With Hematologic Toxicity During Chemoradiotherapy in Patients With Anal Carcinoma. Frontiers in oncology* 2020, 10:1576. **Frankfurt/Mainz**
653. Martínez-Rovira I., Seksek O., Dokic I., Brons S., Abdollahi Amir*, Yousef I.: *Study of the intracellular nanoparticle-based radiosensitization mechanisms in F98 glioma cells treated with charged particle therapy through synchrotron-based infrared microspectroscopy. The analyst* 2020, 145:2345-2356. **Heidelberg**
654. Martínez-Zamudio Ricardo Iván, Roux Pierre-François, de Freitas José Américo N L F, Robinson Lucas, Doré Gregory, Sun Bin, Belenki Dimitri, Milanovic Maja*, Herbig Utz, Schmitt Clemens A*, Gil Jesús, Bischof Oliver: *AP-1 imprints a reversible transcriptional programme of senescent cells. Nature cell biology* 2020, 22:842 - 855. **Berlin_(20.042)**
655. Marzec J., Becker J., Paulsen F., Wegener D., Olthof S-C, Pfannenberger C., Schwenck J., Bedke J., Stenzl A., Nikolaou K., la Fougère C., Zips D.*, Müller A-C: *68Ga-PSMA-PET/CT-directed IGRT/SBRT for oligometastases of recurrent prostate cancer after initial surgery. Acta oncologica* 2020, 59:149-156. **Freiburg**
656. Mas-Peiro Silvia, Hoffmann Jędrzej, Fichtlscherer Stephan, Dorsheimer Lena, Rieger Michael A*, Dimmeler Stefanie, Vasa-Nicotera Mariuca, Zeiher Andreas M: *Clonal haematopoiesis in patients with degenerative aortic valve stenosis undergoing transcatheter aortic valve implantation. European heart journal* 2020, 41:933-939. **Frankfurt/Mainz_(22.673)**
657. Massi Daniela, Mihic-Probst Daniela, Schadendorf Dirk*, Dummer Reinhard, Mandalà Mario: *Dedifferentiated melanomas: Morpho-phenotypic profile, genetic reprogramming and clinical implications. Cancer treatment reviews* 2020, 88:102060 -. **Essen/Düsseldorf_(8.885)**
658. Mata Douglas A, Benhamida Jamal K, Lin Andrew L, Vanderbilt Chad M, Yang Soo-Ryum, Villafania Liliana B, Ferguson Donna C, Jonsson Philip, Miller Alexandra M, Tabar Viviane, Brennan Cameron W, Moss Nelson S, Sill Martin*, Benayed Ryma, Mellinghoff Ingo K, Rosenblum Marc K, Arcila Maria E, Ladanyi Marc, Bale Tejus A: *Genetic and epigenetic landscape of IDH-wildtype glioblastomas with FGFR3-TACC3 fusions. Acta Neuropathologica Communications* 2020, 8:186. **Heidelberg_(14.251)**
659. Mathew Nimitha R., Vinnakota Janaki M., Apostolova Petya, Erny Daniel, Hamarsheh Shaimaa, Andrieux Geoffroy*, Kim Jung-Seok, Hanke Kathrin, Goldmann Tobias, Chappell-Maor Louise, El-Khawanky Nadia, Ihorst Gabriele, Schmidt Dominik, Duyster Justus, Finke Jürgen, Blank Thomas, Boerries Melanie*, Blazar Bruce R., Jung Steffen, Prinz Marco, Zeiser Robert: *Graft-versus-host disease of the CNS is mediated by TNF upregulation in microglia. The journal of clinical*

investigation 2020, 130:1315 - 1329. **Freiburg_(11.864)**

660. Matuschek Christiane, Fischer Johannes C, Combs Stephanie E*, Fietkau Rainer, Corradini Stefanie, Zänker Kurt, Bölke Edwin, Djepmo-Njanang Freddy-Joel, Tamaskovics Balint, Fischer Joachim E, Stuschke Martin, Pöttgen Christoph, Förster Robert, Zwahlen Daniel R, Papachristofilou Alexandros, Ganswindt Ute, Pelka Rainer, Schneider E Marion, Feldt Torsten, Jensen Björn Erik Ole, Häussinger Dieter, Knoefel Wolfram Trudo, Kindgen-Milles Detlef, Pedoto Alessia, Grebe Olaf, van Griensven Martijn, Budach Wilfried, Haussmann Jan: *Measures of infection prevention and incidence of SARS-CoV-2 infections in cancer patients undergoing radiotherapy in Germany, Austria and Switzerland*. **Strahlentherapie und Onkologie** 2020, 196:1068-1079. **München**
661. Maurer Gabriele D*, Brucker Daniel P*, Stoffels Gabriele, Filipski Katharina*, Filss Christian P, Mottaghy Felix M, Galldiks Norbert, Steinbach Joachim P*, Hattingen Elke, Langen Karl-Josef: *18F-FET PET Imaging in Differentiating Glioma Progression from Treatment-Related Changes: A Single-Center Experience*. **Journal of nuclear medicine** 2020, 61:505 - 511. **Frankfurt/Mainz_(7.887)**
662. Maurer Stefanie*, Kopp Hans-Georg, Salih Helmut R*, Kropp Korbinian N: *Modulation of Immune Responses by Platelet-Derived ADAM10*. **Frontiers in immunology** 2020, 11:44. **Tübingen_(5.085)**
663. Mavaddat Nasim, Antoniou Antonis C, Mooij Thea M, Hooning Maartje J, Heemskerk-Gerritsen Bernadette A, GENEPSO, Noguès Catherine, Gauthier-Villars Marion, Caron Olivier, Gesta Paul, Pujol Pascal, Lortholary Alain, EMBRACE, Barrowdale Daniel, Frost Debra, Evans D Gareth, Izatt Louise, Adlard Julian, Eeles Ros, Brewer Carole, Tischkowitz Marc, Henderson Alex, Cook Jackie, Eccles Diana, HEBON, van Engelen Klaartje, Mourits Marian J E, Ausems Margreet G E M, Koppert Linetta B, Hopper John L, John Esther M, Chung Wendy K, Andrulis Irene L, Daly Mary B, Buys Sandra S, Investigators kConFab, Benitez Javier, Caldes Trinidad, Jakubowska Anna, Simard Jacques, Singer Christian F, Tan Yen, Olah Edith, Navratilova Marie, Foretova Lenka, Gerdes Anne-Marie, Roos-Blom Marie-José, Van Leeuwen Flora E, Arver Brita, Olsson Håkan, Schmutzler Rita K, Engel Christoph, Kast Karin*, Phillips Kelly-Anne, Terry Mary Beth, Milne Roger L, Goldgar David E, Rookus Matti A, Andrieu Nadine, Easton Douglas F, IBCCS, kConFab, BCFR, Noguès Catherine, Laborde Lilian, Breyse Emmanuel, Stoppa-Lyonnet Dominique, Gauthier-Villars Marion, Buecher Bruno, Caron Olivier, Fourme-Mouret Emmanuelle, Fricker Jean-Pierre, Lasset Christine, Bonadona Valérie, Berthet Pascaline, Faivre Laurence, Luporsi Elisabeth, Mari Véronique, Gladiéff Laurence, Gesta Paul, Sobol Hagay, Eisinger François, Noguès Catherine, Longy Michel, Dugast Catherine, Colas Chrystelle, Coupier Isabelle, Pujol Pascal, Corsini Carole, Lortholary Alain, Vennin Philippe, Adenis Claude, Nguyen Tan Dat, Delnatte Capucine, Tinat Julie, Tennevet Isabelle, Limacher Jean-Marc, Maugard Christine, Bignon Yves-Jean, Demange Liliane, Penet Clotilde, Dreyfus Hélène, Cohen-Haguenauer Odile, Venat-Bouvet Laurence, Leroux Dominique, Dreyfus Hélène, Zattara-Cannoni Hélène, Fert-Ferrer Sandra, Bera Odile, Ellis Steve, Hogervorst F. B. L., Collée J. M., van Asperen C. J., Mensenkamp A. R., Ausems M. G. E. M., Meijers-Heijboer H. E. J., van Engelen K., Blok M. J., Oosterwijk J. C., Verloop J., van den Broek E.: *Risk-reducing salpingo-oophorectomy, natural menopause, and breast cancer risk: an international prospective cohort of BRCA1 and BRCA2 mutation carriers*. **Breast cancer research** 2020, 22:8. **Dresden**
664. May Annette M, Stomper Julia, Joeckel Tina E, Bronsert Peter, Wijermans Pierre W, Werner Martin*, Lübbert Michael*: *Distinct bone marrow morphologic features discriminate myelodysplastic syndromes patients with and without an early platelet response to decitabine*.

British journal of haematology 2020, 189:e194-e197. **Freiburg_(5.518)**

665. Mayerhofer Christina, Speckmann Carsten, Kapp Friedrich, Teufel-Schäfer Ulrike, Kluwe Wolfram, Schneider Johanna, Flotho Christian*: *Lipid Apheresis to Manage Severe Hypertriglyceridemia during Induction Therapy in a Child with Acute Lymphoblastic Leukemia*. **Journal of children's health** 2020, 37:530-538. **Freiburg**
666. Mayinger M., Straube C.*, Habermehl D.*, Duma M. N.*, Combs S. E.: *Hypo- vs. normofractionated radiation therapy in breast cancer: A patterns of care analysis in German speaking countries*. **Reports of practical oncology and radiotherapy** 2020, 25:775 - 779. **München**
667. Mayr Lisa, Gojo Johannes, Peyrl Andreas, Azizi Amedeo A, Stepien Natalia M, Pletschko Thomas, Czech Thomas, Dorfer Christian, Lambo Sander*, Dieckmann Karin, Haberler Christine, Kool Marcel*, Slavc Irene: *Potential Importance of Early Focal Radiotherapy Following Gross Total Resection for Long-Term Survival in Children With Embryonal Tumors With Multilayered Rosettes*. **Frontiers in oncology** 2020, 10:584681. **Heidelberg**
668. Mayr Lisa, Guntner Armin S., Madlener Sibylle, Schmook Maria T., Peyrl Andreas, Azizi Amedeo A., Dieckmann Karin, Reisinger Dominik, Stepien Natalia M., Schramm Kathrin*, Laemmerer Anna, Jones David T. W.*, Ecker Jonas*, Sahm Felix*, Milde Till*, Pajtler Kristian W.*, Blattner-Johnson Mirjam*, Strbac Miroslav, Dorfer Christian, Czech Thomas, Kirchhofer Dominik, Gabler Lisa, Berger Walter, Haberler Christine, Müllauer Leonhard, Buchberger Wolfgang, Slavc Irene, Lötsch-Gojo Daniela, Gojo Johannes*: *Cerebrospinal Fluid Penetration and Combination Therapy of Entrectinib for Disseminated ROS1/NTRK-Fusion Positive Pediatric High-Grade Glioma*. **Journal of Personalized Medicine** 2020, 10:290. **Heidelberg**
669. Mc Connell Lauren, Gazdova Jana, Beck Katja*, Srivastava Shambhavi, Harewood Louise, Stewart J. P., Hübschmann Daniel*, Stenzinger Albrecht*, Glimm Hanno*, Heilig Christoph*, Fröhling Stefan*, Gonzalez David: *Detection of Structural Variants in Circulating Cell-Free DNA from Sarcoma Patients Using Next Generation Sequencing*. **Cancers** 2020, 12:3627. **Dresden, Heidelberg_(6.126)**
670. McCarthy Nicole, Dolgikh Nadezda, Logue Susan, Patterson John B, Zeng Qinqing, Gorman Adrienne M, Samali Afshin, Fulda Simone*: *The IRE1 and PERK arms of the unfolded protein response promote survival of rhabdomyosarcoma cells*. **Cancer letters** 2020, 490:76-88. **Frankfurt/Mainz_(7.360)**
671. McFadden Conor H, Rahmanian Shirin*, Flint David B, Bright Scott J, Yoon David S, O'Brien Daniel J, Asaithamby Aroumougame, Abdollahi Amir*, Greilich Steffen*, Sawakuchi Gabriel O: *Isolation of time dependent DNA damage induced by energetic carbon ions and their fragments using fluorescent nuclear track detectors*. **Medical physics** 2020, 47:272-281. **Heidelberg**
672. McNabb Sarah, Harrison Tabitha A, Albanes Demetrius, Berndt Sonja I, Brenner Hermann*, Caan Bette J, Campbell Peter T, Cao Yin, Chang-Claude Jenny*, Chan Andrew, Chen Zhengyi, English Dallas R, Giles Graham G, Giovannucci Edward L, Goodman Phyllis J, Hayes Richard B, Hoffmeister Michael*, Jacobs Eric J, Joshi Amit D, Larsson Susanna C, Le Marchand Loïc, Li Li, Lin Yi, Männistö Satu, Milne Roger L, Nan Hongmei, Newton Christina, Ogino Shuji, Parfrey Patrick S, Petersen Paneen S, Potter John D, Schoen Robert E, Slattery Martha L, Su Yu-Ru, Tangen Catherine M, Tucker Thomas C, Weinstein Stephanie J, White Emily, Wolk Alicja, Woods Michael O, Phipps Amanda I, Peters Ulrike: *Meta-analysis of 16 studies of the association of alcohol with colorectal cancer*. **International journal of cancer** 2020, 146:861-873. **Heidelberg_(5.145)**

673. Mein Stewart*, Klein Carmen*, Kopp Benedikt*, Magro Giuseppe, Harrabi Semi*, Karger Christian P*, Haberer Thomas, Debus Jürgen*, Abdollahi Amir*, Dokic Ivana*, Mairani Andrea: *Assessment of RBE-weighted dose models for carbon ion therapy towards modernization of clinical practice at HIT: in vitro, in vivo and in patients*. **International journal of radiation oncology, biology, physics** 2020, 108:779-791. **Heidelberg_(5.859)**
674. Meister Michael*, Scheer Monika, Hallmen Erika, Stegmaier Sabine, Vokuhl Christian, von Kalle Thekla, Fuchs Jörg, Münter Marc, Niggli Felix, Ladenstein Ruth, Kazanowska Bernarda, Ljungman Gustaf, Bielack Stefan, Koscielniak Ewa, Klingebiel Thomas, Studiengruppe Cooperative Weichteilsarkom: *Malignant peripheral nerve sheath tumors in children, adolescents, and young adults: Treatment results of five Cooperative Weichteilsarkom Studiengruppe (CWS) trials and one registry*. **Journal of surgical oncology** 2020, 122:1337-1347. **Frankfurt/Mainz**
675. Melms Johannes C, Vallabhaneni Sreeram, Mills Caitlin E, Yapp Clarence, Chen Jia-Yun, Morelli Eugenio, Waszyk Patricia, Kumar Sushil, Deming Derrick, Moret Nienke, Rodriguez Steven, Subramanian Kartik, Rogava Meri, Cartwright Adam N R, Luoma Adrienne, Mei Shaolin, Brinker Titus*, Miller David M, Spektor Alexander, Schadendorf Dirk*, Riggi Nicolo, Wucherpfennig Kai W, Sorger Peter K, Izar Benjamin: *Inhibition of Haspin kinase promotes cell-intrinsic and extrinsic anti-tumor activity*. **Cancer research** 2020, 80:798-810. **Essen/Düsseldorf_(9.727)**
676. Melnikova Margarita, Wauer Ulrike Sophie*, Mendus Diana, Hilger Ralf Axel, Oliver Trudy G, Mercer Kim, Gohlke Björn Oliver, Erdmann Kati*, Niederacher Dieter, Neubauer Hans, Buderath Paul, Wimberger Pauline*, Kuhlmann Jan Dominik*, Thomale Jürgen: *Diphenhydramine increases the therapeutic window for platinum drugs by simultaneously sensitizing tumor cells and protecting normal cells*. **Molecular oncology** 2020, 14:686-703. **Dresden_(6.574)**
677. Meneceur Sarah, Linge Annett*, Meinhardt Matthias, Hering Sandra, Löck Steffen*, Bütof Rebecca, Krex Dietmar, Schackert Gabriele*, Temme Achim*, Baumann Michael*, Krause Mechthild*, von Neubeck Cläre*: *Establishment and Characterisation of Heterotopic Patient-Derived Xenografts for Glioblastoma*. **Cancers** 2020, 12:871 **Dresden_(6.126)**
678. Merker Michael*, Wagner Juliane, Kreyenberg Hermann, Heim Catrin, Moser Laura M., Wels Winfried S.*, Bonig Halvard, Ivics Zoltán, Ullrich Evelyn*, Klingebiel Thomas*, Bader Peter*, Rettinger Eva*: *ERBB2-CAR-Engineered Cytokine-Induced Killer Cells Exhibit Both CAR-Mediated and Innate Immunity Against High-Risk Rhabdomyosarcoma*. **Frontiers in immunology** 2020, 11:581468. **Frankfurt/Mainz_(5.085)**
679. Merta Ladislav, Gandalovičová Aneta, Čermák Vladimír, Dibus Michal, Gutschner Tony, Diederichs Sven*, Rösel Daniel, Brábek And Jan: *Increased Level of Long Non-Coding RNA MALAT1 is a Common Feature of Amoeboid Invasion*. **Cancers** 2020, 12:1136 **Freiburg_(6.126)**
680. Messerschmidt Clemens, Obermayer Benedikt, Klinghammer Konrad, Ochsenreither Sebastian*, Treue Denise, Stenzinger Albrecht*, Glimm Hanno*, Fröhling Stefan*, Kindler Thomas*, Brandts Christian H*, Schulze-Osthoff Klaus*, Weichert Wilko*, Tinhofer Ingeborg*, Klauschen Frederick*, Keilholz Ulrich*, Beule Dieter, Rieke Damian T: *Distinct immune evasion in APOBEC-enriched, HPV-negative HNSCC*. **International journal of cancer** 2020, 147:2293-2302. **Berlin, Dresden, Frankfurt/Mainz, Tübingen, München, Heidelberg_(5.145)**
681. Metz Marie-Christin, Molina-Romero Miguel, Lipkova Jana, Gempt Jens, Liesche-Starnecker Friederike, Eichinger Paul, Grundl Lioba, Menze Bjoern, Combs Stephanie E*, Zimmer Claus, Wiestler Benedikt Paul Otmar*: *Predicting Glioblastoma Recurrence from Preoperative MR Scans Using Fractional-Anisotropy Maps with Free-Water Suppression*. **Cancers** 2020, 12:728

München_(6.126)

682. Metzenmacher Martin, Váraljai Renáta*, Hegedüs Balazs, Cima Igor*, Forster Jan*, Schramm Alexander, Scheffler Björn*, Horn Peter A, Klein Christoph A, Szarvas Tibor, Reis Hennig, Bielefeld Nicola*, Roesch Alexander*, Aigner Clemens, Kunzmann Volker, Wiesweg Marcel, Siveke Jens T*, Schuler Martin*, Lueong Smiths S*: *Plasma Next Generation Sequencing and Droplet Digital-qPCR-Based Quantification of Circulating Cell-Free RNA for Noninvasive Early Detection of Cancer*. **Cancers** 2020, 12:E353 **Essen/Düsseldorf_(6.126)**
683. Metzger Philipp, Kirchleitner Sabrina V, Boehmer Daniel F R, Hörth Christine, Eisele Angelika, Ormanns Steffen, Gunzer Matthias, Lech Maciej, Lauber Kirsten, Endres Stefan*, Duewell Peter, Schnurr Max, König Lars M: *Systemic but not MDSC-specific IRF4 deficiency promotes an immunosuppressed tumor microenvironment in a murine pancreatic cancer model*. **Cancer immunology immunotherapy** 2020, 69:2101 - 2112. **München_(5.442)**
684. Meyer Annekarin, Herkt Stefanie, Kunze-Schumacher Heike, Kohrs Nicole, Ringleb Julia, Schneider Lucas, Kuvardina Olga N., Oellerich Thomas*, Häupl Björn*, Krueger Andreas, Seifried Erhard, Bonig Halvard, Lausen Joern: *The transcription factor TAL1 and miR-17-92 create a regulatory loop in hematopoiesis*. **Scientific reports** 2020, 10:21438. **Frankfurt/Mainz**
685. Mezzatesta Caterina, Abduli Liridon, Guinot Anna, Eckert Cornelia*, Schewe Denis, Zaliova Marketa, Vinti Luciana, Marovca Blerim, Tsai Yi-Chien, Jenni Silvia, Aguade-Gorgorio Julia, von Stackelberg Arend*, Schrappe Martin, Locatelli Franco, Stanulla Martin, Cario Gunnar, Bourquin Jean-Pierre, Bornhauser Beat C: *Repurposing anthelmintic agents to eradicate resistant leukemia*. **Blood cancer journal** 2020, 10:72. **Berlin_(8.023)**
686. Miao Beiping*, Bauer Andrea S.*, Hufnagel Katrin*, Wu Yenan*, Trajkovic-Arsic Marija*, Pirona Anna Chiara*, Giese Nathalia, Taipale Jussi, Siveke Jens T.*, Hoheisel Jörg*, Lueong Smiths*: *The transcription factor FLI1 promotes cancer progression by affecting cell cycle regulation*. **International journal of cancer** 2020, 147:189-201. **Essen/Düsseldorf_(5.145)**
687. Michalski Kerstin, Laubner Katharina, Stoykow Christian*, Omrane Mohamed Aymen*, Maecke Helmut R*, Seufert Jochen, Goetz Christian, Meyer Philipp T*, Ruf Juri*: *Detection of Insulinomas Using Dual-Time-Point 68Ga-DOTA-Exendin 4 PET/CT*. **Clinical nuclear medicine** 2020, 45:519-524. **Freiburg_(6.587)**
688. Michalski Kerstin, Stoykow Christian, Bronsert Peter*, Juhasz-Böss Ingolf, Meyer Philipp T*, Ruf Juri, Erbes Thalia, Asberger Jasmin: *Association between gastrin-releasing peptide receptor expression as assessed with [68Ga]Ga-RM2 PET/CT and histopathological tumor regression after neoadjuvant chemotherapy in primary breast cancer*. **Nuclear medicine and biology** 2020, 86-87:37 - 43. **Freiburg**
689. Michel Lars, Schadendorf Dirk*, Rassaf Tienush: *Oncocardiology: new challenges, new opportunities*. **Herz** 2020, 45:619-625. **Essen/Düsseldorf**
690. Michel Laura L, Hartkopf Andreas D, Fasching Peter A, Kolberg Hans-Christian, Hadji Peyman, Tesch Hans, Häberle Lothar, Ettl Johannes, Lüftner Diana, Wallwiener Markus, Müller Volkmar, Beckmann Matthias W, Belleville Erik, Volz Bernhard, Huebner Hanna, Wimberger Pauline*, Hielscher Carsten, Mundhenke Christoph, Kurbacher Christian, Wuerstlein Rachel, Untch Michael, Overkamp Friedrich, Huober Jens, Janni Wolfgang, Taran Florin-Andrei, Lux Michael P, Wallwiener Diethelm, Brucker Sara Y, Schneeweiss Andreas, Fehm Tanja N: *Progression-Free Survival and Overall Survival in Patients with Advanced HER2-Positive Breast Cancer Treated with Trastuzumab Emtansine (T-DM1) after Previous Treatment with Pertuzumab*. **Cancers** 2020,

12:3021. **Dresden_(6.126)**

691. Michels Birgitta E*, Mosa Mohammed*, Streibl Barbara I*, Zhan Tianzuo*, Menche Constantin, Abou-El-Ardat Khalil*, Darvishi Tahmineh*, Czlonka Ewelina, Wagner Sebastian, Winter Jan*, Medyouf Hind*, Boutros Michael*, Farin Henner F*: *Pooled In Vitro and In Vivo CRISPR-Cas9 Screening Identifies Tumor Suppressors in Human Colon Organoids*. **Cell stem cell** 2020, 26:782-792.e7920301429. **Frankfurt/Mainz_(20.860)**
692. Michen Susanne, Frosch Jennifer, Füssel Monika, Schackert Gabriele*, Momburg Frank*, Temme Achim*: *Artificial feeder cells expressing ligands for killer cell immunoglobulin-like receptors and CD94/NKG2A for expansion of functional primary natural killer cells with tolerance to self*. **Cytotherapy** 2020, 22:354 - 368. **Dresden**
693. Migden Michael R, Khushalani Nikhil I, Chang Anne Lynn S, Lewis Karl D, Schmults Chrysalyne D, Hernandez-Aya Leonel, Meier Friedegund, Schadendorf Dirk*, Guminski Alexander, Hauschild Axel, Wong Deborah J, Daniels Gregory A, Berking Carola, Jankovic Vladimir, Stankevich Elizabeth, Booth Jocelyn, Li Siyu, Weinreich David M, Yancopoulos George D, Lowy Israel, Fury Matthew G, Rischin Danny: *Cemiplimab in locally advanced cutaneous squamous cell carcinoma: results from an open-label, phase 2, single-arm trial*. **The lancet <London> / Oncology** 2020, 21:294 - 305. **Essen/Düsseldorf_(33.752)**
694. Miladi Milad, Raden Martin, Diederichs Sven*, Backofen Rolf: *MutaRNA: analysis and visualization of mutation-induced changes in RNA structure*. **Nucleic acids research** 2020, 48:W287-W291. **Freiburg_(11.502)**
695. Miller Aubry*, Morgen Michael*, Steimbach Raphael R*, Gerald Magalie*, Hellweg Lars*, Sehr Peter, Ridinger Johannes*, Witt Olaf*, Oehme Ina*, Herbst-Gervasoni Corey J, Osko Jeremy D, Porter Nicholas J, Christianson David W, Gunkel Peter Nikolas*: *Design and Synthesis of Dihydroxamic Acids as HDAC6/8/10 Inhibitors*. **ChemMedChem** 2020, 15:1163-1174. **Heidelberg**
696. Minina Elena A, Staal Jens, Alvarez Vanina E, Berges John A, Berman-Frank Ilana, Beyaert Rudi, Bidle Kay D, Bornancin Frédéric, Casanova Magali, Cazzulo Juan J, Choi Chang Jae, Coll Nuria S, Dixit Vishva M, Dolinar Marko, Fasel Nicolas, Funk Christiane, Gallois Patrick, Gevaert Kris, Gutierrez-Beltran Emilio, Hailfinger Stephan, Klemenčič Marina, Koonin Eugene V, Krappmann Daniel, Linusson Anna, Machado Mauricio F M, Madeo Frank, Megeney Lynn A, Moschou Panagiotis N, Mottram Jeremy C, Nyström Thomas, Osiewicz Heinz D, Overall Christopher M, Pandey Kailash C, Ruland Jürgen*, Salvesen Guy S, Shi Yigong, Smertenko Andrei, Stael Simon, Ståhlberg Jerry, Suárez María Fernanda, Thome Margot, Tuominen Hannele, Van Breusegem Frank, van der Hoorn Renier A L, Vardi Assaf, Zhivotovsky Boris, Lam Eric, Bozhkov Peter V: *Classification and Nomenclature of Metacaspases and Paracaspases: No More Confusion with Caspases*. **Molecular cell** 2020, 77:927 - 929. **München_(15.584)**
697. Mirian Christian, Duun-Henriksen Anne Katrine, Juratli Tareq, Sahm Felix*, Spiegl-Kreinecker Sabine, Peyre Matthieu, Biczok Annamaria*, Tonn Jörg-Christian*, Goutagny Stéphane, Bertero Luca, Maier Andrea Daniela, Møller Pedersen Maria, Law Ian, Broholm Helle, Cahill Daniel P, Brastianos Priscilla, Poulsen Lars, Fugleholm Kåre, Ziebell Morten, Munch Tina, Mathiesen Tiit: *Poor prognosis associated with TERT gene alterations in meningioma is independent of the WHO classification: an individual patient data meta-analysis*. **Journal of neurology, neurosurgery, and psychiatry** 2020, 91:378-387. **München, Heidelberg_(8.234)**
698. Mitroulis Ioannis*, Kalafati Lydia*, Bornhäuser Martin*, Hajishengallis George, Chavakis Triantafyllos: *Regulation of the Bone Marrow Niche by Inflammation*. **Frontiers in immunology**

2020, 11:1540. **Dresden_(5.085)**

699. Mitwasi Nicola, Feldmann Anja, Arndt Claudia, Koristka Stefanie, Berndt Nicole, Jureczek Justyna Katarzyna*, Loureiro Liliana R, Bergmann Ralf, Máthé Domokos, Hegedüs Nikolett, Kovács Tibor, Zhang Congcong*, Oberoi Pranav*, Jäger Elke, Seliger Barbara, Rössig Claudia, Temme Achim*, Eitler Jiri, Tonn Torsten*, Schmitz Marc, Hassel Jessica, Jäger Dirk, Wels Winfried S*, Bachmann Michael*: *'UniCAR'-modified off-the-shelf NK-92 cells for targeting of GD2-expressing tumour cells*. **Scientific reports** 2020, 10:2141. **Dresden, Frankfurt/Mainz**
700. Mogler Carolin, Koschny Ronald, Heilig Christoph E*, Frohling Stefan*, Schirmacher Peter, Weichert Wilko*, Pfarr Nicole: *Molecular characterization of hepatic epithelioid hemangioendothelioma reveals alterations in various genes involved in DNA repair, epigenetic regulation, signaling pathways, and cell cycle control*. **Genes, chromosomes & cancer** 2020, 59:106-110. **Heidelberg, München**
701. Mohan Ajay-Mohan, Lukas Mathias, Albrecht Jakob*, Dorau-Rutke Viktoria, Koziol Eva*, Huang Kai, Prasad Sonal, Brenner Winfried*, Beindorff Nicola: *Relationship of Renal Function in Mice to Strain, Sex and 177Lutetium-Somatostatin Receptor Ligand Treatment*. **Nuklearmedizin** 2020, 59:381-386. **Berlin**
702. Möhrmann Lino*, Zowada Martina K*, Strakerjahn Hendrik*, Siegl Christine*, Kopp-Schneider Annette*, Kronic Damir*, Strunk Dirk, Schneider Martin, Kriegsmann Mark, Kriegsmann Katharina, Herbst Friederike*, Ball Claudia R*, Glimm Hanno*, Dieter Sebastian*: *A Perivascular Niche in the Bone Marrow Hosts Quiescent and Proliferating Tumorigenic Colorectal Cancer Cells*. **International journal of cancer** 2020, 147:519-531. **Dresden_(5.145)**
703. Momm Felix, Greil Christine, Schäfer Henning*: *Towards individualized radiation therapy in multiple myeloma*. **Haematologica** 2020, 105:1763 - 1764. **Freiburg_(7.116)**
704. Monje Michelle, Borniger Jeremy C, D'Silva Nisha J, Deneen Benjamin, Dirks Peter B, Fattahi Faranak, Frenette Paul S, Garzia Livia, Gutmann David H, Hanahan Douglas, Hervey-Jumper Shawn L, Hondermarck Hubert, Hurov Jonathan B, Kepecs Adam, Knox Sarah M, Lloyd Alison C, Magnon Claire, Saloman Jami L, Segal Rosalind A, Sloan Erica K, Sun Xin, Taylor Michael D, Tracey Kevin J, Trotman Lloyd C, Tuveson David A, Wang Timothy C, White Ruth A, Winkler Frank*: *Roadmap for the Emerging Field of Cancer Neuroscience*. **Cell** 2020, 181:219 - 222. **Heidelberg_(38.637)**
705. Mönnich David*, Winter Jasmin, Nachbar Marcel, Künzel Luise, Boeke Simon*, Gani Cihan, Dohm Oliver, Zips Daniel*, Thorwarth Daniela: *Quality assurance of IMRT treatment plans for a 1.5 T MR-linac using a 2D ionization chamber array and a static solid phantom*. **Physics in medicine and biology** 2020, 65:16NT01 **Tübingen**
706. Montenegro Raquel Carvalho, Howarth Alison, Ceroni Alessandro, Fedele Vita, Farran Batoul, Mesquita Felipe Pantoja, Frejno Martin, Berger Benedict-Tilman, Heinzlmeir Stephanie, Sailem Heba Z, Tesch Roberta, Ebner Daniel, Knapp Stefan, Burbano Rommel, Kuster Bernhard*, Müller Susanne: *Identification of molecular targets for the targeted treatment of gastric cancer using dasatinib*. **OncoTarget** 2020, 11:535-549. **München**
707. Moreno Lucas, Barone Giuseppe, DuBois Steven G, Molenaar Jan, Fischer Matthias, Schulte Johannes, Eggert Angelika*, Schleiermacher Gudrun, Speleman Frank, Chesler Louis, Geoerger Birgit, Hogarty Michael D, Irwin Meredith S, Bird Nick, Blanchard Guy B, Buckland Sean, Caron Hubert, Davis Susan, De Wilde Bram, Deubzer Hedwig E, Dolman Emmy, Eilers Martin, George Rani E, George Sally, Jaroslav Štěřba, Maris John M, Marshall Lynley, Merchant Melinda,

- Mortimer Peter, Owens Cormac, Philpott Anna, Poon Evon, Shay Jerry W, Tonelli Roberto, Valteau-Couanet Dominique, Vassal Gilles, Park Julie R, Pearson Andrew D J: *Accelerating drug development for neuroblastoma: Summary of the Second Neuroblastoma Drug Development Strategy forum from Innovative Therapies for Children with Cancer and International Society of Paediatric Oncology Europe Neuroblastoma*. **European journal of cancer** 2020, 136:52 - 68. **Berlin_**(7.275)
708. Mosa Mohammed H*, Michels Birgitta E, Menche Constantin, Nicolas Adele M, Darvishi Tahmineh*, Greten Florian R, Farin Henner*: *A Wnt-induced phenotypic switch in cancer-associated fibroblasts inhibits EMT in colorectal cancer*. **Cancer research** 2020, 80:c5569-5582. **Frankfurt/Mainz_**(9.727)
709. Mostazo Miriam G Contreras, Kurrle Nina*, Casado Marta, Fuhrmann Dominik, Alshamleh Islam*, Häupl Björn*, Martín-Sanz Paloma, Brüne Bernhard, Serve Hubert*, Schwalbe Harald*, Schnütgen Frank*, Marin Silvia, Cascante Marta: *Metabolic Plasticity Is an Essential Requirement of Acquired Tyrosine Kinase Inhibitor Resistance in Chronic Myeloid Leukemia*. **Cancers** 2020, 12:3443 **Frankfurt/Mainz_**(6.126)
710. Mota Reyes Carmen, Teller Steffen, Muckenhuber Alexander, Konukiewicz Björn, Safak Okan, Weichert Wilko*, Friess Helmut*, Ceyhan Güralp O, Demir Ihsan Ekin*: *Neoadjuvant Therapy Remodels the Pancreatic Cancer Microenvironment via Depletion of Protumorigenic Immune Cells*. **Clinical cancer research** 2020, 26:220 - 231. **München_**(10.107)
711. Mueller Sebastian, Lange Sebastian, Collins Katharina A N, Krebs Stefan, Blum Helmut, Schneider Günter, Rad Lena, Saur Dieter*, Rad Roland*: *Linkage of genetic drivers and strain-specific germline variants confound mouse cancer genome analyses*. **Nature Communications** 2020, 11:4474. **München_**(12.121)
712. Mueller-Schoell Anna, Klopp-Schulze Lena, Schroth Werner, Mürdter Thomas, Michelet Robin, Brauch Hiltrud*, Huisinga Wilhelm, Joerger Markus, Neven Patrick, Koolen Stijn L W, Mathijssen Ron H J, Copson Ellen, Eccles Diana, Chen Sylvia, Chowbay Balram, Tfayli Arafat, Zgheib Nathalie K, Schwab Matthias*, Kloft Charlotte: *Obesity alters endoxifen plasma levels in young breast cancer patients: A pharmacometric simulation approach*. **Clinical pharmacology & therapeutics** 2020, 108:661-670. **Tübingen_**(6.565)
713. Muenchow Alina, Weller Sandra, Hinterleitner Clemens, Malenke Elke, Bugl Stefanie, Wirths Stefan, Müller Martin R, Schulze-Osthoff Klaus*, Aulitzky Walter E, Kopp Hans-Georg, Essmann Frank: *The BCL-2 selective inhibitor ABT-199 sensitizes soft tissue sarcomas to proteasome inhibition by a concerted mechanism requiring BAX and NOXA*. **Cell death & disease** 2020, 11:701. **Tübingen_**(6.304)
714. Mukama Trasias*, Fallah Mahdi*, Brenner Hermann*, Xu Xing*, Sundquist Kristina, Sundquist Jan, Kharazmi Elhamalsadat*: *Risk of invasive breast cancer in relatives of patients with breast carcinoma in situ: a prospective cohort study*. **BMC medicine** 2020, 18:295. **Heidelberg_**(6.782)
715. Mukama Trasias*, Fallah Mahdi*, Tian Yu*, Sundquist Kristina, Sundquist Jan, Brenner Hermann*, Kharazmi Elhamalsadat*: *Risk-tailored starting age of breast cancer screening based on women's reproductive profile: A nationwide cohort study*. **European journal of cancer** 2020, 124:207-213. **Heidelberg_**(7.275)
716. Mukama Trasias*, Kharazmi Elham*, Sundquist Kristina, Sundquist Jan, Brenner Hermann*, Fallah Mahdi*: *Familial risk of breast cancer by dynamic, accumulative, and static definitions of family history*. **Cancer** 2020, 126:2837-2848. **Heidelberg_**(5.742)

717. Mukama Trasiyas*, Kharazmi Elham*, Xing Xu*, Sundquist Kristina, Sundquist Jan, Brenner Hermann*, Fallah Mahdi*: *Risk-Adapted Starting Age of Screening for Relatives of Patients With Breast Cancer*. **JAMA oncology** 2020, 6:68-74. **Heidelberg**_(24.799)
718. Mukha Anna, Dubrovskaya Anna*: *Metabolic Targeting of Cancer Stem Cells*. **Frontiers in oncology** 2020, 10:537930. **Dresden**
719. Müller Anne, Dickmanns Antje, Resch Claudia, Schäkel Knut, Hailfinger Stephan, Döbelstein Matthias, Schulze-Osthoff Klaus*, Kramer Daniela: *The CDK4/6-EZH2 pathway is a potential therapeutic target for psoriasis*. **The journal of clinical investigation** 2020, 130:5765 - 5781. **Tübingen**_(11.864)
720. Müller Christoph*, Hundshammer Christian, Braeuer Miriam, Skinner Jason G, Berner Stephan*, Leupold Jochen, Düwel Stephan, Nekolla Stephan G, Månsson Sven, Hansen Adam E, von Elverfeldt Dominik, Ardenkjaer-Larsen Jan H, Schilling Franz, Schwaiger Markus, Hennig Jürgen, Hövener Jan-Bernd: *Dynamic 2D and 3D mapping of hyperpolarized pyruvate to lactate conversion in vivo with efficient multi-echo balanced steady-state free precession at 3 T*. **NMR in biomedicine** 2020, 33:e4291. **Freiburg**
721. Müller J., Schürer M., Neubert C., Tillner F., Beyreuther E., Suckert T., Peters N., von Neubeck C., Lühr A., Krause M., Bütof R., Dietrich A.: *Multi-modality bedding platform for combined imaging and irradiation of mice*. **Biomed Phys Eng Express** 2020, 6:037003. **Dresden**
722. Müller Luise, Tunger Antje, Plesca Ioana, Wehner Rebekka*, Temme Achim*, Westphal Dana, Meier Friedegund*, Bachmann Michael*, Schmitz Marc*: *Bidirectional Crosstalk Between Cancer Stem Cells and Immune Cell Subsets*. **Frontiers in immunology** 2020, 11:140. **Dresden**_(5.085)
723. Müller Stephan, Bexte Tobias*, Gebel Veronika, Kalensee Franziska, Stolzenberg Eva, Hartmann Jessica, Koehl Ulrike, Schambach Axel, Wels Winfried S*, Modlich Ute, Ullrich Evelyn*: *High Cytotoxic Efficiency of Lentivirally and Alpharetrovirally Engineered CD19-Specific Chimeric Antigen Receptor Natural Killer Cells Against Acute Lymphoblastic Leukemia*. **Frontiers in immunology** 2020, 10:3123. **Frankfurt/Mainz**_(5.085)
724. Müller-Thomas Catharina, Heider Michael, Piontek Guido, Schlensog Martin, Bassermann Florian*, Kirchner Thomas*, Germing Ulrich, Götze Katharina S*, Rudelius Martina: *Prognostic value of indoleamine 2,3 dioxygenase in patients with higher-risk myelodysplastic syndromes treated with azacytidine*. **British journal of haematology** 2020, 190:361-370. **München**_(5.518)
725. Multhoff Gabriele, Seier Sophie, Stangl Stefan, Sievert Wolfgang, Shevtsov Maxim, Werner Caroline, Pockley A Graham, Blankenstein Christiane, Hildebrandt Martin, Offner Robert, Ahrens Norbert, Kokowski Konrad, Hautmann Matthias, Rödel Claus, Fietkau Rainer, Lubgan Dorota, Huber Rudolf, Hautmann Hubert, Duell Thomas, Molls Michael, Specht Hanno, Haller Bernhard, Devecka Michal, Sauter Andreas, Combs Stephanie E*: *Targeted Natural Killer Cell-Based Adoptive Immunotherapy for the Treatment of Patients with NSCLC after Radiochemotherapy: A Randomized Phase II Clinical Trial*. **Clinical cancer research** 2020, 26:5368-5379. **München**_(10.107)
726. Münch Stefan*, Marr Lisa, Feurecker Benedikt, Dapper Hendrik, Braren Rickmer, Combs Stephanie E*, Duma Marciana-Nona: *Impact of 18F-FDG-PET/CT on the identification of regional lymph node metastases and delineation of the primary tumor in esophageal squamous cell carcinoma patients*. **Strahlentherapie und Onkologie** 2020, 196:787 - 794. **München**
727. Munkhbaatar Enkhsetseg, Dietzen Michelle, Agrawal Deepti, Anton Martina, Jesinghaus Moritz,

- Boxberg Melanie, Pfarr Nicole, Bidola Pidassa, Uhrig Sebastian*, Höckendorf Ulrike, Meinhardt Anna-Lena, Wahida Adam, Heid Irina, Braren Rickmer, Mishra Ritu, Warth Arne, Muley Thomas, Poh Patrina S P, Wang Xin, Fröhling Stefan*, Steiger Katja*, Slotta-Huspenina Julia, van Griensven Martijn, Pfeiffer Franz, Lange Sebastian, Rad Roland*, Spella Magda, Stathopoulos Georgios T, Ruland Jürgen*, Bassermann Florian*, Weichert Wilko*, Strasser Andreas, Branca Caterina, Heikenwalder Mathias, Swanton Charles, McGranahan Nicholas, Jost Philipp J*: *MCL-1 gains occur with high frequency in lung adenocarcinoma and can be targeted therapeutically. Nature Communications* 2020, 11:4527. **Heidelberg, München**_(12.121)
728. Murphy Neil, Carreras-Torres Robert, Song Mingyang, Chan Andrew T, Martin Richard M, Papadimitriou Nikos, Dimou Niki, Tsilidis Konstantinos K, Banbury Barbara, Bradbury Kathryn E, Besevic Jelena, Rinaldi Sabina, Riboli Elio, Cross Amanda J, Travis Ruth C, Agnoli Claudia, Albanes Demetrius, Berndt Sonja I, Bézieau Stéphane, Bishop D Timothy, Brenner Hermann*, Buchanan Daniel D, Onland-Moret N Charlotte, Burnett-Hartman Andrea, Campbell Peter T, Casey Graham, Castellví-Bel Sergi, Chang-Claude Jenny*, Chirlaque María-Dolores, Chapelle Albert de la, English Dallas, Figueiredo Jane C, Gallinger Steven J, Giles Graham G, Gruber Stephen B, Gsur Andrea, Hampe Jochen, Hampel Heather, Harrison Tabitha A, Hoffmeister Michael*, Hsu Li, Huang Wen-Yi, Huyghe Jeroen R, Jenkins Mark A, Keku Temitope O, Kühn Tilman*, Kweon Sun-Seog, Le Marchand Loic, Li Christopher I, Li Li, Lindblom Annika, Martín Vicente, Milne Roger L, Moreno Victor, Newcomb Polly A, Offit Kenneth, Ogino Shuji, Ose Jennifer, Perduca Vittorio, Phipps Amanda I, Platz Elizabeth A, Potter John D, Qu Conghui, Rennert Gad, Sakoda Lori C, Schafmayer Clemens, Schoen Robert E, Slattey Martha L, Tangen Catherine M, Ulrich Cornelia M, van Duijnhoven Franzel Jb, Van Guelpen Bethany, Visvanathan Kala, Vodicka Pavel, Vodickova Ludmila, Vymetalkova Veronika, Wang Hansong, White Emily, Wolk Alicja, Woods Michael O, Wu Anna H, Zheng Wei, Peters Ulrike, Gunter Marc J: *Circulating Levels of Insulin-like Growth Factor 1 and Insulin-like Growth Factor Binding Protein 3 Associate With Risk of Colorectal Cancer Based on Serologic and Mendelian Randomization Analyses. Gastroenterology* 2020, 158:1300-1312.e1320. **Heidelberg**_(17.373)
729. Murray Jacob M.*, Kaissis Georgios, Braren Rickmer, Kleesiek Jens*: *Wie funktioniert Radiomics? A primer on radiomics. Der Radiologe* 2020, 60:32-41. **Heidelberg**
730. Mus Liselot M, Lambertz Irina, Claeys Shana, Kumps Candy, Van Looke Wouter, Van Neste Christophe, Umapathy Ganesh, Vaapil Marica, Bartenhagen Christoph, Laureys Genevieve, De Wever Olivier, Bexell Daniel, Fischer Matthias, Hallberg Bengt, Schulte Johannes*, De Wilde Bram, Durinck Kaat, Denecker Geertrui, De Preter Katleen, Speleman Frank: *The ETS transcription factor ETV5 is a target of activated ALK in neuroblastoma contributing to increased tumour aggressiveness. Scientific reports* 2020, 10:218. **Berlin**
731. Musa Julian, Grünewald Thomas*: *Interaction between somatic mutations and germline variants contributes to clinical heterogeneity in cancer. Molecular & cellular oncology* 2019, 7:1682924. **München**
732. Mylonas Elena, Yoshida Kenichi, Frick Mareike, Hoyer Kaja, Christen Friederike, Kaeda Jaspal, Obenaus Matthias, Noerenberg Daniel, Hennch Cornelius, Chan Willy, Ochi Yotaro, Shiraishi Yuichi, Shiozawa Yusuke, Zenz Thorsten, Oakes Christopher C, Sawitzki Birgit, Schwarz Michaela, Bullinger Lars*, le Coutre Philipp, Rose-Zerilli Matthew J J, Ogawa Seishi, Damm Frederik*: *Single-cell analysis based dissection of clonality in myelofibrosis. Nature Communications* 2020, 11:73. **Berlin**_(12.121)
733. Mynarek Martin, von Hoff Katja, Pietsch Torsten, Ottensmeier Holger, Warmuth-Metz Monika,

- Bison Brigitte, Pfister Stefan*, Korshunov Andrey*, Sharma Tanvi*, Jaeger Natalie, Ryzhova Marina, Zheludkova Olga, Golanov Andrey, Rushing Elisabeth Jane, Hasselblatt Martin, Koch Arend, Schüller Ulrich, von Deimling Andreas*, Sahn Felix*, Sill Martin*, Riemenschneider Markus J, Dohmen Hildegard, Monoranu Camelia Maria, Sommer Clemens, Staszewski Ori, Mawrin Christian, Schittenhelm Jens, Brück Wolfgang, Filipowski Katharina*, Hartmann Christian, Meinhardt Matthias, Pietschmann Klaus, Haberler Christine, Slavic Irene, Gerber Nicolas U, Grotzer Michael, Benesch Martin, Schlegel Paul Gerhardt, Deinlein Frank, von Bueren André O, Friedrich Carsten, Juhnke Björn-Ole, Obrecht Denise, Fleischhack Gudrun, Kwiecien Robert, Faldum Andreas, Kortmann Rolf Dieter, Kool Marcel*, Rutkowski Stefan: *Nonmetastatic Medulloblastoma of Early Childhood: Results From the Prospective Clinical Trial HIT-2000 and An Extended Validation Cohort*. **Journal of clinical oncology** 2020, 38:2028-2040. **Frankfurt/Mainz_(32.956)**
734. Nachbar Marcel, Mönnich David*, Boeke Simon, Gani Cihan, Weidner Nicola, Heinrich Vanessa, Lo Russo Monica, Livi Lorenzo, Winter Jasmin, Tsitsekidis Savas, Dohm Oliver, Thorwarth Daniela, Zips Daniel*, De-Colle Chiara: *Partial breast irradiation with the 1.5 T MR-Linac: First patient treatment and analysis of electron return and stream effects*. **Radiotherapy and oncology** 2020, 145:30 - 35. **Tübingen**
735. Nadar Robin A., Asokan Nandini, Degli Esposti Lorenzo, Curci Alessandra, Barbanente Alessandra, Schlatt Lukas, Karst Uwe, Iafisco Michele, Margiotta Nicola, Brand Michael, van den Beucken Jeroen J. J. P., Bornhäuser Martin*, Leeuwenburgh Sander C. G.: *Preclinical evaluation of platinum-loaded hydroxyapatite nanoparticles in an embryonic zebrafish xenograft model*. **Nanoscale** 2020, 12:13582 - 13594. **Dresden_(6.895)**
736. Nadar Robin A, Farbod Kambiz, der Schilden Karlijn Codee-van, Schlatt Lukas, Crone Barbara, Asokan Nandini, Curci Alessandra, Brand Michael, Bornhaeuser Martin*, Iafisco Michele, Margiotta Nicola, Karst Uwe, Heskamp Sandra, Boerman Otto C, van den Beucken Jeroen J J P, Leeuwenburgh Sander C G: *Targeting of radioactive platinum-bisphosphonate anticancer drugs to bone of high metabolic activity*. **Scientific reports** 2020, 10:5889. **Dresden**
737. Nardin Jeanine Marie, Schroth Werner, Almeida Thais Abreu, Mürdter Thomas, Picolotto Solane, Vendramini Evelyn Castillo Lima, Hoppe Reiner, Kogin Jenifer Primon, Miqueleto Diandra, de Moraes Silvia Dark Robaskievicz, Schwab Matthias*, Pecoits-Filho Roberto Flavio, Brauch Hiltrud*, Casali-da-Rocha José Claudio: *The Influences of Adherence to Tamoxifen and CYP2D6 Pharmacogenetics on Plasma Concentrations of the Active Metabolite (Z)-Endoxifen in Breast Cancer*. **Clinical and translational science** 2020, 13:284-292. **Tübingen**
738. Nasseh Daniel, Schneiderbauer Sophie, Lange Michael, Schweizer Diana, Heinemann Volker*, Belka Claus*, Cadenovic Ranko, Buysse Laurence, Erickson Nicole, Mueller Michael, Kortuem Karsten, Niyazi Maximilian*, Marschner Sebastian*, Fey Theres: *Optimizing the analytical value of oncology-related data based on an in-memory analysis layer - MOCCA: The Munich online comprehensive cancer analysis platform*. **Journal of medical internet research** 2020, 22:e16533. **München_(5.034)**
739. Naumann Patrick, Batista Vania, Farnia Benjamin, Fischer Jann, Liermann Jakob, Tonndorf-Martini Eric, Rhein Bernhard, Debus Jürgen*: *Feasibility of Optical Surface-Guidance for Position Verification and Monitoring of Stereotactic Body Radiotherapy in Deep-Inspiration Breath-Hold*. **Frontiers in oncology** 2020, 10:573279. **Heidelberg**
740. Naumann Patrick, Ottensmeier Friederike, Farnia Benjamin, Ben-Josef Edgar, Liermann Jakob, Maier-Hein Klaus H*, Hackert Thilo, Debus Jürgen*: *Radiographic Response of Vessel*

Involvement and Resectability After Neoadjuvant Chemoradiation in Patients With Locally Advanced Pancreatic Cancer. American journal of clinical oncology 2020, 43:776-783.

Heidelberg

741. Nemes Karolina, Bens Susanne, Kachanov Denis, Teleshova Margarita, Hauser Peter, Simon Thorsten, Tippelt Stephan, Woessmann Wilhelm, Beck Olaf, Flotho Christian*, Grigull Lorenz, Driever Pablo H, Schlegel Paul-Gerhardt, Khurana Claudia, Hering Kathrin, Kolb Reinhard, Leipold Alfred, Abbink Floor, Gil-Da-Costa Maria J, Benesch Martin, Kerl Kornelius, Lowis Stephen, Marques Carmen H, Graf Norbert, Nysom Karsten, Vokuhl Christian, Melchior Patrick, Kröncke Thomas, Schneppenheim Reinhard, Kordes Uwe, Gerss Joachim, Siebert Reiner, Furtwängler Rhoikos, Frühwald Michael C: *Clinical and genetic risk factors define two risk groups of extracranial malignant rhabdoid tumours (eMRT/RTK). European journal of cancer* 2020, 142:112 - 122. **Freiburg_**(7.275)
742. Nestle Ursula, Adebahr Sonja*, Kaier Klaus, Gkika Eleni, Schimek-Jasch Tanja, Hechtner Marlene*, Momm Felix, Gaertner Jan, Becker Gerhild, Grosu Anca-Ligia*: *Quality of life after pulmonary stereotactic fractionated radiotherapy (SBRT): Results of the phase II STRIPE trial. Radiotherapy and oncology* 2020, 148:82 - 88. **Freiburg, Frankfurt/Mainz**
743. Nestle Ursula, Adebahr Sonja*, van Herk Marcel: *Retrospective Analyses of Registry Data for Technical Radiation Oncology Questions: Apples Versus Pears or Solid Evidence? Journal of thoracic oncology* 2020, 15:15 - 17. **Freiburg_**(13.357)
744. Nestle Ursula*, Krause Mechthild*: *Radiotherapy and COVID-19-everything under control or just the start of a long story? Strahlentherapie und Onkologie* 2020, 196:1065 - 1067. **Dresden, Freiburg**
745. Nestle Ursula*, Schimek-Jasch Tanja, Kremp Stephanie, Schaefer-Schuler Andrea, Mix Michael, Küsters Andreas, Tosch Marco, Hehr Thomas, Eschmann Susanne Martina, Bultel Yves-Pierre, Hass Peter, Fleckenstein Jochen, Thieme Alexander, Stockinger Marcus, Dieckmann Karin, Miederer Matthias, Holl Gabriele, Rischke H Christian, Gkika Eleni, Adebahr Sonja*, König Jochem, Grosu Anca-Ligia, group PET-Plan study, Grosu A. L., Weber W., Meyer P., Hoffmanns H., Nestle U., Aurisch R., Schäfer W., Hehr T., Eschmann S. M., Dornoff W., Siekmeyer B., Trampert L., Gademann G., Brunner T., Amthauer A., Ricke J., Pech M., Rübe C., Kirsch C. M., Ezzidin S., Schmidberger H., Schreckenberger M., Bamberg M., Zips D., Bares R., La Fougere C., Budach V., Brenner W., Beck M., Freiherr von Gumpenberg R., Aebbersold D., Krause T., Feldmann H. J., Hertel A., Stüben G., Sciuk J., Annweiler H., Holl G., Oehler W., Schlöcker I., Baum R., Kimmig B., Dunst J., Henze E., Lützen U., Schwaiger M., Strehle K., Alberti W., Piroth M., Tosch M., Pötter R., Widder J., Herold C., Freund U., Momm F., Weber W., Sautter-Bihl M. L., Tatsch K., Hildebrandt G., Krause B.: *Imaging-based target volume reduction in chemoradiotherapy for locally advanced non-small-cell lung cancer (PET-Plan): a multicentre, open-label, randomised, controlled trial. The lancet <London> / Oncology Oncology* 2020, 21:581-592. **Freiburg_**(33.752)
746. Neumann Julia E, Spohn Michael, Obrecht Denise, Mynarek Martin, Thomas Christian, Hasselblatt Martin, Dorostkar Mario M, Wefers Annika K*, Frank Stephan, Monoranu Camelia-Maria, Koch Arend, Witt Hendrik*, Kool Marcel*, Pajtler Kristian W*, Rutkowski Stefan, Glatzel Markus, Schüller Ulrich: *Molecular characterization of histopathological ependymoma variants. Acta neuropathologica* 2020, 139:305-318. **Heidelberg_**(14.256)
747. Neumeyer Sonja*, Hua Xinwei, Seibold Petra*, Jansen Lina*, Benner Axel*, Burwinkel Barbara*, Halama Niels, Berndt Sonja I., Phipps Amanda I., Sakoda Lori C., Schoen Robert E, Slattery

Martha L., Chan Andrew T., Gala Manish, Joshi Amit D., Ogino Shuji, Song Mingyang, Herpel Esther, Bläker Hendrik, Kloor Matthias, Scherer Dominique, Ulrich Alexis, Ulrich Cornelia M, Win Aung K, Figueiredo Jane C., Hopper John L., Macrae Finlay, Milne Roger L, Giles Graham G., Buchanan Daniel D., Peters Ulrike, Hoffmeister Michael*, Brenner Hermann*, Newcomb Polly A., Chang-Claude Jenny*: *Genetic variants in the regulatory T cell related pathway and colorectal cancer prognosis*. **Cancer epidemiology, biomarkers & prevention** 2020, 29:2719-2728.

Heidelberg

748. Nguyen L., Schilling D., Dobiasch S., Raulefs S., Santiago Franco M., Buschmann D., Pfaffl M. W., Schmid T. E., Combs S. E.: *The Emerging Role of miRNAs for the Radiation Treatment of Pancreatic Cancer*. **Cancers (Basel)** 2020, 12. **München**_(6.126)

749. Ni Xiaomin, Knapp Stefan*, Chaikuad Apirat: *Comparative structural analyses and nucleotide-binding characterization of the four KH domains of FUBP1*. **Scientific reports** 2020, 10:13459. **Frankfurt/Mainz**

750. Nicolai Leo, Leunig Alexander, Brambs Sophia*, Kaiser Rainer, Weinberger Tobias, Weigand Michael, Muenchhoff Maximilian, Hellmuth Johannes C, Ledderose Stephan, Schulz Heiko, Scherer Clemens, Rudelius Martina, Zoller Michael, Höchter Dominik, Keppler Oliver, Teupser Daniel, Zwißler Bernhard, Bergwelt-Baildon Michael*, Käb Stefan, Massberg Steffen, Pekayvaz Kami, Stark Konstantin: *Immunothrombotic Dysregulation in COVID-19 Pneumonia is Associated with Respiratory Failure and Coagulopathy*. **Circulation** 2020, 142:1176-1189. **München**_(23.603)

751. Nicolay Nils*, Wiedenmann Nicole*, Mix Michael, Weber Wolfgang A, Werner Martin*, Grosu Anca L*, Kayser Gian*: *Correlative analyses between tissue-based hypoxia biomarkers and hypoxia PET imaging in head and neck cancer patients during radiochemotherapy-results from a prospective trial*. **European journal of nuclear medicine and molecular imaging** 2020, 47:1046-1055. **Freiburg**_(7.081)

752. Nieder Carsten, Hintz Mandy, Popp Ilinca*, Bilger Angelika*, Grosu Anca L*: *Validation of the graded prognostic assessment for gastrointestinal cancers with brain metastases (GI-GPA)*. **Radiation oncology** 2020, 15:35. **Freiburg**

753. Niedermaier Tobias*, Amitay Efrat*, Gies Anton*, Weigl Korbinian*, Hoffmeister Michael*, Brenner Hermann*: *Impact of Inadequate Bowel Cleansing on Colonoscopic Findings in Routine Screening Practice*. **Clinical and translational gastroenterology** 2020, 11:e00169. **Heidelberg**

754. Niedermaier Tobias*, Balavarca Yesilda*, Brenner Hermann*: *Stage-Specific Sensitivity of Fecal Immunochemical Tests for Detecting Colorectal Cancer: Systematic Review and Meta-Analysis*. **The American journal of gastroenterology** 2020, 115:56 - 69. **Heidelberg**_(10.171)

755. Niedermaier Tobias*, Tikk Kaja*, Gies Anton*, Bieck Stefanie, Brenner Hermann*: *Sensitivity of fecal immunochemical test for colorectal cancer detection differs according to stage and location*. **Clinical gastroenterology and hepatology** 2020, 18:2920-2928.e2926. **Heidelberg**_(8.549)

756. Nientiedt Cathleen, Endris Volker, Jenzer Maximilian, Mansour Josef, Sedehi Nassim Tawanaie Pour, Pecqueux Carine, Volckmar Anna-Lena, Leichsenring Jonas, Neumann Olaf, Kirchner Martina, Hoveida Shirin, Lantwin Philippa, Kaltenecker Katrin, Dieffenbacher Svenja, Gasch Claudia, Hofer Luisa, Franke Desiree, Tosev Georgi, Görtz Magdalena, Schütz Viktoria, Radtke Jan-Philipp, Nyarangi-Dix Joanne, Hatiboglu Gencay, Simpfendorfer Tobias, Schönberg Gita, Isaac Sanjay, Teber Dogu, Koerber Stefan A, Christofi Georgia, Czink Elena, Kreuter Rebecca,

- Apostolidis Leonidas, Kratochwil Clemens*, Giesel Frederik*, Haberkorn Uwe*, Debus Jürgen, Sültmann Holger*, Zschäbitz Stefanie, Jäger Dirk, Duensing Anette, Schirmacher Peter, Gröllich Carsten, Hohenfellner Markus, Stenzinger Albrecht, Duensing Stefan: *High prevalence of DNA damage repair gene defects and TP53 alterations in men with treatment-naïve metastatic prostate cancer -Results from a prospective pilot study using a 37 gene panel*. **Urologic oncology** 2020, 38:637.e617-637.e627. **Heidelberg**
757. Nimptsch Katharina, Jaeschke Lina, Chang-Claude Jenny*, Kaaks Rudolf*, Katzke Verena*, Michels Karin B, Franzke Claus-Werner, Obi Nadia, Becher Heiko, Kuß Oliver, Schikowski Tamara, Schulze Matthias B, Gastell Sylvia, Hoffmann Wolfgang, Schipf Sabine, Ahrens Wolfgang, Günther Kathrin, Krist Lilian, Keil Thomas, Jöckel Karl-Heinz, Schmidt Börge, Brenner Hermann*, Holleczer Bernd*, Fischer Beate, Leitzmann Michael, Lieb Wolfgang, Berger Klaus, Krause Gérard, Löffler Markus, Schmidt-Pokrzywniak Andrea, Mikolajczyk Rafael, Linseisen Jakob, Greiser Karin Halina*, Pischon Tobias: *[Self-reported cancer in the German National Cohort (NAKO Gesundheitsstudie): assessment methods and first results]*. **Bundesgesundheitsblatt, Gesundheitsforschung, Gesundheitsschutz** 2020, 63:385-396. **Heidelberg**
758. Niyazi Maximilian*, Niemierko Andrzej, Paganetti Harald, Söhn Matthias, Schapira Emily, Goldberg Saveli, Adams Judith, Kim Vince, Oh Kevin S, Hwang William L, Lu Hsiao-Ming, Belka Claus*, Busse Paul M, Loeffler Jay S, Shih Helen A: *Volumetric and actuarial analysis of brain necrosis in proton therapy using a novel mixture cure model*. **Radiotherapy and oncology** 2020, 142:154-161. **München**
759. Norona Johana, Apostolova Petya, Schmidt Dominik, Ihlemann Rebekka, Reischmann Nadine, Taylor Gregory, Köhler Natalie, de Heer Jocelyn, Heeg Steffen, Andrieux Geoffroy*, Siranosian Benjamin A., Schmitt-Graeff Annette, Pfeifer Dietmar, Catalano Antonella, Frew Ian J., Proietti Michele, Grimbacher Bodo, Bulashevskaya Alla, Bhatt Ami S., Brummer Tilman*, Clauditz Till, Zabelina Tatjana, Kroeger Nicolaus, Blazar Bruce R., Boerries Melanie, Ayuk Francis, Zeiser Robert: *Glucagon-like peptide 2 for intestinal stem cell and Paneth cell repair during graft-versus-host disease in mice and humans*. **Blood** 2020, 136:1442 - 1455. **Freiburg_(17.543)**
760. Nothdurft Silke, Thumser-Henner Clotilde, Breitenbücher Frank, Okimoto Ross A, Dorsch Madeleine, Opitz Christiane A*, Sadik Ahmed*, Esser Charlotte, Hölzel Michael, Asthana Saurabh, Forster Jan*, Beisser Daniela, Kalmbach Sophie, Grüner Barbara M*, Bivona Trevor G, Schramm Alexander, Schuler Martin*: *Functional screening identifies aryl hydrocarbon receptor as suppressor of lung cancer metastasis*. **Oncogenesis** 2020, 9:102. **Heidelberg, Essen/Düsseldorf_(6.119)**
761. Notter Markus, Thomsen Andreas R*, Nitsche Mirko, Hermann Robert M, Wolff Hendrik A, Hahl Gregor, Münch Karin, Grosu Anca-L*, Vaupel Peter*: *Combined wIRA-Hyperthermia and Hypofractionated Re-Irradiation in the Treatment of Locally Recurrent Breast Cancer: Evaluation of Therapeutic Outcome Based on a Novel Size Classification*. **Cancers** 2020, 12:E606 **Freiburg_(6.126)**
762. Nowrouzi Ali*, Sertorio Mathieu G., Akbarpour Mahdi*, Knoll Maximilian*, Kronic Damir*, Kuhar Matthew, Schwager Christian*, Brons Stephan*, Debus Jürgen*, Wells Susanne I., Wells James M., Abdollahi Amir*: *Personalized Assessment of Normal Tissue Radiosensitivity via Transcriptome Response to Photon, Proton and Carbon Irradiation in Patient-Derived Human Intestinal Organoids*. **Cancers** 2020, 12:469. **Heidelberg_(6.126)**
763. Oberhettinger Philipp, Schüle Leonard, Marschal Matthias, Bezdan Daniela, Ossowski Stephan, Dörfel Daniela*, Vogel Wichard, Rossen John W, Willmann Matthias, Peter Silke: *Description of*

- Citrobacter cronae* sp. nov., isolated from human rectal swabs and stool samples. **International journal of systematic and evolutionary microbiology** 2020, 70:2998-3003. **Tübingen**
764. Oberoi Pranav*, Kamenjarin Kathrina, Ossa Jose Francisco Villena, Uherek Barbara, Bönig Halvard, Wels Winfried S*: *Directed Differentiation of Mobilized Hematopoietic Stem and Progenitor Cells into Functional NK cells with Enhanced Antitumor Activity*. **Cells** 2020, 9:E811 **Frankfurt/Mainz**
765. Oehus Ann-Kathrin, Kroeze Stephanie G C, Schmidt-Hegemann Nina-Sophie, Vogel Marco M E, Kirste Simon*, Becker Jessica, Burger Irene A, Derlin Thorsten, Bartenstein Peter, Eiber Matthias, Mix Michael, la Fougère Christian*, Belka Claus*, Combs Stephanie E, Grosu Anca-Ligia*, Müller Arndt-Christian, Guckenberger Matthias, Christiansen Hans, Henkenberens Christoph: *Efficacy of PSMA ligand PET-based radiotherapy for recurrent prostate cancer after radical prostatectomy and salvage radiotherapy*. **BMC cancer** 2020, 20:362. **Freiburg, Tübingen, München**
766. Oertel M., Linde P., Mäurer M., Fleischmann D. F.*, Dietzel C. T., Krug D.: *Quality of teaching radiation oncology in Germany-where do we stand? : Results from a 2019 survey performed by the working group 'young DEGRO' of the German Society of Radiation Oncology*. **Strahlentherapie und Onkologie** 2020, 196:699-704. **München**
767. Oerther Benedict, Buren Moritz V, Klein Christina M*, Kirste Simon*, Nicolay Nils*, Sprave Tanja*, Spohn Simon*, Gunashekar Deepa Darshini*, Hagele Leonard*, Bielak Lars*, Bock Michael*, Grosu Anca-L*, Bamberg Fabian, Benndorf Matthias, Zamboglou Constantinos*: *Predicting Biochemical Failure in Irradiated Patients With Prostate Cancer by Tumour Volume Measured by Multiparametric MRI*. **In vivo** 2020, 34:3473 - 3481. **Freiburg**
768. Oevermann Lena*, Zimmermann Cosima, Voigt Sebastian, Künkele Annette, Lobitz Stephan, Eggert Angelika, Schulte Johannes*, Kaufer Benedikt B, Deubzer Hedwig E*: *Transmission of chromosomally integrated human herpes virus-6A via haploidentical stem cell transplantation poses a risk for virus reactivation and associated complications*. **Bone marrow transplantation** 2020, 55:260-264. **Berlin**
769. Offersen Birgitte V, Alsner Jan, Nielsen Hanne M, Jakobsen Erik H, Nielsen Mette H, Krause Mechthild*, Stenbygaard Lars, Mjaaland Ingvil, Schreiber Andreas, Kasti Unn-Miriam, Overgaard Jens, Committee Danish Breast Cancer Group Radiation Therapy: *Hypofractionated Versus Standard Fractionated Radiotherapy in Patients With Early Breast Cancer or Ductal Carcinoma In Situ in a Randomized Phase III Trial: The DBCG HYPO Trial*. **Journal of clinical oncology** 2020, 38:3615-3625. **Dresden_(32.956)**
770. Oka Naomi, Kasajima Atsuko*, Konukiewitz Björn, Sakurada Akira, Okada Yoshinori, Kameya Toru, Weichert Wilko*, Ishikawa Yuichi, Suzuki Hiroyoshi, Sasano Hironobu, Klöppel Günter: *Classification and Prognostic Stratification of Bronchopulmonary Neuroendocrine Neoplasms*. **Neuroendocrinology** 2020, 110:393 - 403. **München**
771. Olesch Catherine, Sirait-Fischer Evelyn, Berkefeld Matthias, Fink Annika F., Susen Rosa M., Ritter Birgit, Michels Birgitta E. *, Steinhilber Dieter, Greten Florian R. *, Savai Rajkumar, Takeda Kazuhiko, Brüne Bernhard*, Weigert Andreas*: *S1PR4 ablation reduces tumor growth and improves chemotherapy via CD8+ T cell expansion*. **The journal of clinical investigation** 2020, 130:5461 - 5476. **Frankfurt/Mainz_(11.864)**
772. Oliinyk Dmytro, Augustin Teresa, Koehler Viktoria Florentine, Rauch Josefine, Belka Claus*, Spitzweg Christine*, Käsmann Lukas*: *Hypofractionated Radiotherapy for Anaplastic Thyroid Cancer: Systematic Review and Pooled Analysis*. **Cancers** 2020, 12:2506 **München_(6.126)**

773. Opatz Sabrina*, Bamopoulos Stefanos A, Metzeler Klaus H*, Herold Tobias, Ksienzyk Bianka, Bräundl Kathrin*, Tschuri Sebastian*, Vosberg Sebastian, Konstandin Nikola P, Wang Christine, Hartmann Luise*, Graf Alexander, Krebs Stefan, Blum Helmut, Schneider Stephanie, Thiede Christian*, Middeke Jan Moritz*, Stölzel Friedrich*, Röllig Christoph*, Schetelig Johannes*, Ehninger Gerhard*, Krämer Alwin*, Braess Jan, Görlich Dennis, Sauerland Maria Cristina, Berdel Wolfgang E, Wörmann Bernhard J, Hiddemann Wolfgang*, Spiekermann Karsten*, Bohlander Stefan K, Greif Philipp*: *The clinical mutasome of core binding factor leukemia*. **Leukemia** 2020, 34:1553-1562. **München, Dresden**_(8.665)
774. Opitz Christiane*, Somarribas Patterson Luis F*, Mohapatra Soumya R*, Dewi Dyah L, Sadik Ahmed*, Platten Michael*, Trump Saskia: *The therapeutic potential of targeting tryptophan catabolism in cancer*. **British journal of cancer** 2020, 122:30-44. **Heidelberg**_(5.791)
775. Orth Martin F, Buecklein Veit Leonhard, Kampmann Eric, Subklewe Marion, Noessner Elfriede, Cidre-Aranaz Florencia, Romero-Pérez Laura, Wehweck Fabienne Sophie, Lindner Lars, Issels Rolf, Kirchner Thomas*, Altendorf-Hofmann Annelore, Grünewald Thomas G P*, Knösel Thomas: *A comparative view on the expression patterns of PD-L1 and PD-1 in soft tissue sarcomas*. **Cancer immunology immunotherapy** 2020, 69:1353-1362. **München**_(5.442)
776. Orth Martin F, Hölting Tilman L B, Dallmayer Marlene, Wehweck Fabienne S, Paul Tanja, Musa Julian, Baldauf Michaela C, Surdez Didier, Delattre Olivier, Knott Maximilian M L, Romero-Pérez Laura, Kasan Merve, Cidre-Aranaz Florencia, Gerke Julia S, Ohmura Shunya, Li Jing*, Marchetto Aruna, Henssen Anton G, Özen Özlem, Sugita Shintaro, Hasegawa Tadashi, Kanaseki Takayuki, Bertram Stefanie, Dirksen Uta*, Hartmann Wolfgang, Kirchner Thomas*, Grünewald Thomas G P*: *High Specificity of BCL11B and GLG1 for EWSR1-FLI1 and EWSR1-ERG Positive Ewing Sarcoma*. **Cancers** 2020, 12:644. **Essen/Düsseldorf, München**_(6.126)
777. Oskarsson Thordur*: *Stress-induced metastatic niches in breast cancer*. **Molecular & cellular oncology** 2020, 7:1780105. **Heidelberg**
778. Özen Ali Caglar*, Silemek Berk, Lottner Thomas, Atalar Ergin, Bock Michael: *MR safety watchdog for active catheters: Wireless impedance control with real-time feedback*. **Magnetic resonance in medicine** 2020, 84:1048-1060. **Freiburg**
779. Ozkan-Dagliyan Irem, Diehl J Nathaniel, George Samuel D, Schaefer Antje, Papke Bjoern, Klotz-Noack Kathleen, Waters Andrew M, Goodwin Craig M, Gautam Prson, Pierobon Mariaelena, Peng Sen, Gilbert Thomas S K, Lin Kevin H, Dagliyan Onur, Wennerberg Krister, Petricoin Emanuel F, Tran Nhan L, Bhagwat Shripad V, Tiu Ramon V, Peng Sheng-Bin, Herring Laura E, Graves Lee M, Sers Christine*, Wood Kris C, Cox Adrienne D, Der Channing J: *Low-Dose Vertical Inhibition of the RAF-MEK-ERK Cascade Causes Apoptotic Death of KRAS Mutant Cancers*. **Cell reports** 2020, 31:107764 **Berlin**_(8.109)
780. Palme Daniela, Misovic Milan, Ganser Katrin, Klumpp Lukas, Salih Helmut R*, Zips Daniel*, Huber Stephan M: *hERG K⁺ Channels Promote Survival of Irradiated Leukemia Cells*. **Frontiers in pharmacology** 2020, 11:489. **Tübingen**
781. Paniushkina L., Grueso-Navarro E., Cheng X., Nazarenko I.*: *Three-dimensional cell models for extracellular vesicles production, isolation, and characterization*. **Methods Enzymol** 2020, 645:209-230. **Freiburg**
782. Papadimitriou Nikos, Dimou Niki, Tsilidis Konstantinos K, Banbury Barbara, Martin Richard M, Lewis Sarah J, Kazmi Nabila, Robinson Timothy M, Albanes Demetrius, Aleksandrova Krasimira, Berndt Sonja I, Timothy Bishop D., Brenner Hermann*, Buchanan Daniel D, Bueno-de-Mesquita

- Bas, Campbell Peter T, Castellví-Bel Sergi, Chan Andrew T, Chang-Claude Jenny*, Ellingjord-Dale Merete, Figueiredo Jane C, Gallinger Steven J, Giles Graham G, Giovannucci Edward, Gruber Stephen B, Gsur Andrea, Hampe Jochen, Hampel Heather, Harlid Sophia, Harrison Tabitha A, Hoffmeister Michael*, Hopper John L, Hsu Li, María Huerta José, Huyghe Jeroen R, Jenkins Mark A, Keku Temitope O, Kühn Tilman*, La Vecchia Carlo, Le Marchand Loic, Li Christopher I, Li Li, Lindblom Annika, Lindor Noralane M, Lynch Brigid, Markowitz Sanford D, Masala Giovanna, May Anne M, Milne Roger, Monninkhof Evelyn, Moreno Lorena, Moreno Victor, Newcomb Polly A, Offit Kenneth, Perduca Vittorio, Pharoah Paul D P, Platz Elizabeth A, Potter John D, Rennert Gad, Riboli Elio, Sánchez Maria-Jose, Schmit Stephanie L, Schoen Robert E, Severi Gianluca, Sieri Sabina, Slattery Martha L, Song Mingyang, Tangen Catherine M, Thibodeau Stephen N, Travis Ruth C, Trichopoulou Antonia, Ulrich Cornelia M, van Duijnhoven Franzel J B, Van Guelpen Bethany, Vodicka Pavel, White Emily, Wolk Alicja, Woods Michael O, Wu Anna H, Peters Ulrike, Gunter Marc J, Murphy Neil: *Physical activity and risks of breast and colorectal cancer: a Mendelian randomisation analysis*. **Nature Communications** 2020, 11:597. **Heidelberg_(12.121)**
783. Pardali Evangelia, Dimmeler Stefanie, Zeiher Andreas M, Rieger Michael A*: *Clonal hematopoiesis, aging and cardiovascular diseases*. **Experimental hematology** 2020, 83:95-104. **Frankfurt/Mainz**
784. Pardini Barbara, Corrado Alda, Paolicchi Elisa, Cugliari Giovanni, Berndt Sonja I, Bezieau Stephane, Bien Stephanie A, Brenner Hermann*, Caan Bette J, Campbell Peter T, Casey Graham, Chan Andrew T, Chang-Claude Jenny*, Cotterchio Michelle, Gala Manish, Gallinger Steven J, Haile Robert W, Harrison Tabitha A, Hayes Richard B, Hoffmeister Michael*, Hopper John L, Hsu Li, Huyghe Jeroen, Jenkins Mark A, Le Marchand Loic, Lin Yi, Lindor Noralane M, Nan Hongmei, Newcomb Polly A, Ogino Shuji, Potter John D, Schoen Robert E, Slattery Martha L, White Emily, Vodickova Ludmila, Vymetalkova Veronika, Vodicka Pavel, Gemignani Federica, Peters Ulrike, Naccarati Alessio, Landi Stefano: *DNA repair and cancer in colon and rectum: novel players in genetic susceptibility*. **International journal of cancer** 2020, 146:363-372. **Heidelberg_(5.145)**
785. Parigiani María Alejandra, Ketscher Anett, Timme Sylvia, Bronsert Peter, Schlimpert Manuel, Kammerer Bernd, Jacquél Arnaud, Chaintreuil Paul, Reinheckel Thomas*: *Conditional Gene Targeting Reveals Cell Type-Specific Roles of the Lysosomal Protease Cathepsin L in Mammary Tumor Progression*. **Cancers** 2020, 12:2004 **Freiburg_(6.126)**
786. Parisian Alison D, Koga Tomoyuki, Miki Shunichiro, Johann Pascal D*, Kool Marcel*, Crawford John R, Furnari Frank B: *SMARCB1 loss interacts with neuronal differentiation state to block maturation and impact cell stability*. **Genes & development** 2020, 34:1316-1329. **Heidelberg_(9.527)**
787. Park Eugene, Chen Jingyu, Moore Andrew, Mangolini Maurizio, Santoro Antonella, Boyd Joseph R, Schjerven Hilde, Ecker Veronika, Buchner Maike, Williamson James C, Lehner Paul J, Gasparoli Luca, Williams Owen, Bloehdorn Johannes, Stilgenbauer Stephan, Leitges Michael, Egle Alexander, Schmidt-Supprian Marc*, Fietze Seth, Ringshausen Ingo: *Stromal cell protein kinase C- β inhibition enhances chemosensitivity in B cell malignancies and overcomes drug resistance*. **Science translational medicine** 2020, 12:eaax9340 -. **München_(16.304)**
788. Pasalic Dario, McGinnis Gwendolyn J, Fuller C David, Grossberg Aaron J, Verma Vivek, Mainwaring Walker, Miller Austin B, Lin Timothy A, Jethanandani Amit, Espinoza Andres F, Diefenhardt Markus, Das Prajnan, Subbiah Vivek, Subbiah Ishwaria M, Jagsi Reshma, Garden Adam S, Fokas Emmanouil*, Rödel Claus*, Thomas Charles R, Minsky Bruce D, Ludmir Ethan B: *Progression-free survival is a suboptimal predictor for overall survival among metastatic solid*

- tumour clinical trials. **European journal of cancer** 2020, 136:176 - 185. **Frankfurt/Mainz**_(7.275)
789. Patel Roshal R, Ludmir Ethan B, Augustyn Alexander, Zaorsky Nicholas G, Lehrer Eric J, Ryali Rohith, Trifiletti Daniel M, Adeberg Sebastian*, Amini Arya, Verma Vivek: *De-intensification of therapy in human papillomavirus associated oropharyngeal cancer: A systematic review of prospective trials*. **Oral oncology** 2020, 103:104608 **Heidelberg**
790. Pearson Frances E, Tullett Kirsteen M, Leal-Rojas Ingrid M, Haigh Oscar L, Masterman Kelly-Anne, Walpole Carina, Bridgeman John S, McLaren James E, Ladell Kristin, Miners Kelly, Llewellyn-Lacey Sian, Price David A, Tunger Antje, Schmitz Marc*, Miles John J, Lahoud Mireille H, Radford Kristen J: *Human CLEC9A antibodies deliver Wilms' tumor 1 (WT1) antigen to CD141+ dendritic cells to activate naïve and memory WT1-specific CD8+ T cells*. **Clinical & Translational Immunology** 2020, 9:e1141. **Dresden**_(6.464)
791. Peeken Jan C*, Shouman Mohamed A, Kroenke Markus, Rauscher Isabel, Maurer Tobias, Gschwend Jürgen E, Eiber Matthias*, Combs Stephanie E*: *A CT-based radiomics model to detect prostate cancer lymph node metastases in PSMA radioguided surgery patients*. **European journal of nuclear medicine and molecular imaging** 2020, 47:2968-2977. **München**_(7.081)
792. Peeken Jan C*, Wiestler Benedikt, Combs Stephanie E*: *Image-Guided Radiooncology: The Potential of Radiomics in Clinical Application*. **Recent results in cancer research** 2020, nn:nn. **München**
793. Pein Maren*, Insua-Rodríguez Jacob*, Hongu Tsunaki*, Riedel Angela*, Meier Jasmin*, Wiedmann Lena*, Decker Kristin*, Essers Marieke A G*, Sinn Hans-Peter, Spaich Saskia, Sütterlin Marc, Schneeweiss Andreas, Trumpp Andreas*, Oskarsson Thordur*: *Metastasis-initiating cells induce and exploit a fibroblast niche to fuel malignant colonization of the lungs*. **Nature Communications** 2020, 11:1494. **Heidelberg**_(12.121)
794. Peitz Constantin, Sprüssel Annika, Linke Rasmus B, Astrahantseff Kathy, Grimaldi Maddalena, Schmelz Karin*, Toedling Joern, Schulte Johannes H*, Fischer Matthias, Messerschmidt Clemens, Beule Dieter, Keilholz Ulrich, Eggert Angelika*, Deubzer Hedwig E*, Lodrini Marco: *Multiplexed quantification of four neuroblastoma DNA targets in a single droplet digital PCR reaction*. **The journal of molecular diagnostics** 2020, 22:1309-1323. **Berlin**_(5.553)
795. Peng Le*, Balavarca Yesilda*, Niedermaier Tobias*, Weigl Korbinian*, Hoffmeister Michael*, Brenner Hermann*: *Risk-Adapted Cutoffs in Colorectal Cancer Screening by Fecal Immunochemical Tests*. **The American journal of gastroenterology** 2020, 115:1110-1116. **Heidelberg**_(10.171)
796. Perez Eilís, Capper David*: *Invited Review: DNA-Methylation-based Classification of Paediatric Brain Tumours*. **Neuropathology & applied neurobiology** 2020, 46:28-47. **Berlin**_(7.500)
797. Permatasari Felicia Fibiani, Eulitz Jan, Richter Christian*, Wohlfahrt Patrick, Lühr Armin*: *Material assignment for proton range prediction in Monte Carlo patient simulations using stopping-power datasets*. **Physics in medicine and biology** 2020, 65:185004 **Dresden**
798. Peter Silke, Bosio Mattia, Gross Caspar, Bezdan Daniela, Gutierrez Javier, Oberhettinger Philipp, Liese Jan, Vogel Wichard, Dörfel Daniela*, Berger Lennard, Marschal Matthias, Willmann Matthias, Gut Ivo, Gut Marta, Autenrieth Ingo, Ossowski Stephan: *Tracking of Antibiotic Resistance Transfer and Rapid Plasmid Evolution in a Hospital Setting by Nanopore Sequencing*. **mSphere** 2020, 5:e00525-00520/msphere/00525/00524/mSphere00525-00520.atom. **Tübingen**
799. Pfaff Elke*, Aichmüller Christian*, Sill Martin*, Stichel Damian*, Snuderl Matija, Karajannis

- Matthias A, Schuhmann Martin U, Schittenhelm Jens, Hasselblatt Martin, Thomas Christian, Korshunov Andrey*, Rhizova Marina, Wittmann Andrea*, Kaufhold Anna*, Iskar Murat*, Ketteler Petra, Lohmann Dietmar, Orr Brent A, Ellison David W, von Hoff Katja, Mynarek Martin, Rutkowski Stefan, Sahm Felix*, von Deimling Andreas*, Lichter Peter*, Kool Marcel*, Zapatka Marc*, Pfister Stefan M*, Jones David*: *Molecular subgrouping of primary pineal parenchymal tumors reveals distinct subtypes correlated with clinical parameters and genetic alterations*. **Acta neuropathologica** 2020, 139:243-257. **Heidelberg_(14.256)**
800. Pfitzinger Paulo L, Fangmann Laura, Wang Kun, Demir Elke, Gürlevik Engin, Fleischmann-Mundt Bettina, Brooks Jennifer, D'Haese Jan G, Teller Steffen, Hecker Andreas, Jesinghaus Moritz, Jäger Carsten, Ren Lei, Istvanffy Rouzanna, Kühnel Florian, Friess Helmut*, Ceyhan Güralp Onur, Demir Ihsan Ekin*: *Indirect cholinergic activation slows down pancreatic cancer growth and tumor-associated inflammation*. **Journal of experimental & clinical cancer research** 2020, 39:289. **München_(7.068)**
801. Phipps Amanda I, Alwers Elizabeth*, Harrison Tabitha, Banbury Barbara, Brenner Hermann*, Campbell Peter T, Chang-Claude Jenny*, Buchanan Daniel, Chan Andrew T, Farris Alton B, Figueiredo Jane C, Gallinger Steven, Giles Graham G, Jenkins Mark, Milne Roger L, Newcomb Polly A, Slattery Martha L, Song Mingyang, Ogino Shuji, Zaidi Syed H, Hoffmeister Michael*, Peters Ulrike: *Association Between Molecular Subtypes of Colorectal Tumors and Patient Survival, Based on Pooled Analysis of 7 International Studies*. **Gastroenterology** 2020, 158:2158-2168.e2154. **Heidelberg_(17.373)**
802. Piazena Helmut, Müller Werner, Vaupel Peter*: *wIRA-heating of piglet skin and subcutis in vivo: proof of accordance with ESHO criteria for superficial hyperthermia*. **International journal of hyperthermia and thermal therapies** 2020, 37:887 - 896. **Freiburg**
803. Picado Alfredo, Chaikwad Apirat, Wells Carrow I, Shrestha Safal, Zuercher William J, Pickett Julie E, Kwarcinski Frank E, Sinha Parvathi, de Silva Chandi S, Zutshi Reena, Liu Shubin, Kannan Natarajan, Knapp Stefan*, Drewry David H, Willson Timothy M: *A Chemical Probe for Dark Kinase STK17B Derives Its Potency and High Selectivity through a Unique P-Loop Conformation*. **Journal of medicinal chemistry** 2020, 63:14626-14646. **Frankfurt/Mainz_(6.205)**
804. Pickles Jessica C, Fairchild Amy R, Stone Thomas J, Brownlee Lorelle, Merve Ashirwad, Yasin Shireena A, Avery Aimee, Ahmed Saira W, Ogunbiyi Olumide, Gonzalez Zapata Jamie, Peary Abigail F, Edwards Marie, Wilkhu Lisa, Dryden Carryl, Ladon Dariusz, Kristiansen Mark, Rowe Catherine, Kurian Kathreena M, Nicoll James A R, Mitchell Clare, Bloom Tabitha, Hilton David A, Al-Sarraj Safa, Doey Lawrence, Johns Paul N, Bridges Leslie R, Chakrabarty Aruna, Ismail Azzam, Rathi Nitika, Syed Khaja, Lammie G Alistair, Limback-Stanic Clara, Smith Colin, Torgersen Antonia, Rae Frances, Hill Rebecca M, Clifford Steven C, Grabovska Yura, Williamson Daniel, Clarke Matthew, Jones Chris, Capper David*, Sill Martin, von Deimling Andreas*, Pfister Stefan M*, Jones David T W*, Hargrave Darren, Chalker Jane, Jacques Thomas S: *DNA methylation-based profiling for paediatric CNS tumour diagnosis and treatment: a population-based study*. **The lancet child & adolescent health** 2020, 4:121-130. **Berlin_(8.543)**
805. Pierscianek Daniela*, Ahmadipour Yahya*, Kaier Klaus, Oppong Marvin Darkwah*, Michel Anna*, Kebir Sied*, Stuschke Martin*, Glas Martin*, Sure Ulrich*, Jabbarli Ramazan*: *The SHORT score for preoperative assessment of the risk for short-term survival in glioblastoma*. **World neurosurgery** 2020, 138:e370-e380. **Essen/Düsseldorf**
806. Pierscianek Daniela*, Ahmadipour Yahya*, Michel Anna*, Chihi Mehdi*, Oppong Marvin Darkwah*, Kebir Sied*, Glas Martin*, Stuschke Martin*, Sure Ulrich*, Jabbarli Ramazan*:

Preoperative Survival Prediction in Patients With Glioblastoma by Routine Inflammatory Laboratory Parameters. **Anticancer research** 2020, 40:1161 - 1166. **Essen/Düsseldorf**

807. Pinto Catarina, Bergmann Michael, Briukhovetska Daria, Nuessler Volkmar, Sznol Mario, von Bergwelt-Baildon Michael*, Kobold Sebastian*: *Sixth Immunotherapy of Cancer conference (ITOC): advances and perspectives-a meeting report.* **Journal for ImmunoTherapy of Cancer** 2020, 8:e000268 **München**_(9.913)
808. Platten Michael*: *Driving mesenchymal transition in glioblastoma.* **Neuro-Oncology** 2020, 22:1-2. **Heidelberg**_(10.247)
809. Plesca Ioana, Tunger Antje, Müller Luise, Wehner Rebekka*, Lai Xixi, Grimm Marc-Oliver, Rutella Sergio, Bachmann Michael*, Schmitz Marc*: *Characteristics of Tumor-Infiltrating Lymphocytes Prior to and During Immune Checkpoint Inhibitor Therapy.* **Frontiers in immunology** 2020, 11:364. **Dresden**_(5.085)
810. Plotz Guido, Lopez-Garcia Laura A*, Brieger Angela, Zeuzem Stefan, Biondi Ricardo M*: *Alternative AKT2 splicing produces protein lacking the hydrophobic motif regulatory region.* **PLOS ONE** 2020, 15:e0242819 -. **Heidelberg, Frankfurt/Mainz**
811. Pocha Kolja, Mock Andreas*, Rapp Carmen, Dettling Steffen, Warta Rolf*, Geisenberger Christoph*, Jungk Christine, Martins Leila R, Grabe Niels, Reuss David*, Debus Jürgen*, von Deimling Andreas*, Abdollahi Amir*, Unterberg Andreas, Herold-Mende Christel*: *Surfactant expression defines an inflamed subtype of lung adenocarcinoma brain metastases that correlates with prolonged survival.* **Clinical cancer research** 2020, 26:2231-2243. **Heidelberg**_(10.107)
812. Popp Ilinca, Rau Stephan, Hintz Mandy, Schneider Julius, Bilger Angelika, Fennell Jamina Tara, Heiland Dieter Henrik, Rothe Thomas, Egger Karl, Nieder Carsten, Urbach Horst, Grosu Anca Ligia*: *Hippocampus-avoidance whole-brain radiation therapy with a simultaneous integrated boost for multiple brain metastases.* **Cancer cytopathology** 2020, 126:2694-2703. **Freiburg**
813. Posch C.*: *A fresh perspective on an established marker: S100B-dynamics for early detection of melanoma recurrence.* **Journal of the European Academy of Dermatology and Venereology** 2020, 34:1386 - 1386. **München**_(5.248)
814. Pottier Charles, Fresnais Margaux*, Gilon Marie, Jérusalem Guy, Longuespée Rémi, Sounni Nor Eddine: *Tyrosine Kinase Inhibitors in Cancer: Breakthrough and Challenges of Targeted Therapy.* **Cancers** 2020, 12:E731. **Heidelberg**_(6.126)
815. Pöttsch M., Berg E., Hummel M., Stein U.* , von Winterfeld M., Jöhrens K., Rau B., Daum S., Treese C.: *Better prognosis of gastric cancer patients with high levels of tumor infiltrating lymphocytes is counteracted by PD-1 expression.* **Oncolimmunology** 2020, 9:1824632 **Berlin**_(5.869)
816. Poxleitner Philipp, Shoumariyeh Khalid, Steybe David, Hupfer Valerie, Voss Pit J, Rawluk Justyna, Ermer Michael, Miething Cornelius*, Schmelzeisen Rainer, Duyster Justus*: *Combined androgen deprivation therapy in recurrent androgen-receptor-positive salivary duct carcinoma - a case report and review of the literature.* **Journal of stomatology, oral and maxillofacial surgery** 2020, 121:599-603. **Freiburg**
817. Preuss Franziska, Chatterjee Deep, Mathea Sebastian, Shrestha Safal, St-Germain Jonathan, Saha Manipa, Kannan Natarajan, Raught Brian, Rottapel Robert, Knapp Stefan*: *Nucleotide Binding, Evolutionary Insights, and Interaction Partners of the Pseudokinase Unc-51-like Kinase 4.*

Structure 2020, 28:1184-1196.e1186. **Frankfurt/Mainz**

818. Pulte Dianne*, Jansen Lina*, Brenner Hermann*: *Changes in long term survival after diagnosis with common hematologic malignancies in the early 21st century.* **Blood cancer journal** 2020, 10:56. **Heidelberg_(8.023)**
819. Putora Paul Martin, Baudis Michael, Beadle Beth M, El Naqa Issam, Giordano Frank A, Nicolay Nils*: *Oncology Informatics: Status Quo and Outlook.* **Oncology** 2020, 98:329-331. **Freiburg**
820. Putora Paul M, De Ruysscher Dirk, Glatzer Markus, Widder Joachim, Van Houtte Paul, Troost Esther G C*, Slotman Ben J, Ramella Sara, Pöttgen Christoph, Peeters Stephanie, Nestle Ursula, McDonald Fiona, Le Pechoux Cecile, Dziadziuszko Rafal, Belderbos José, Faivre-Finn Corinne: *The role of postoperative thoracic radiotherapy and prophylactic cranial irradiation in early stage small cell lung cancer: Patient selection among ESTRO experts.* **Radiotherapy and oncology** 2020, 145:45 - 48. **Dresden**
821. Putora P. M., Fischer G. F., Früh M., Califano R., Faivre-Finn C., Van Houtte P., McDonald F., Nestle U., Dziadziuszko R., Le Pechoux C., Ramella S., Belderbos J., Slotman B. J., Troost E. G. C.*, Peeters S., Widder J., Pöttgen C., Reck M., Blackhall F., Cappuzzo F., Besse B., Novello S., Garrido P., Felip E., O'Brien M., Paz Ares L., de Marinis F., Westeel V., De Ruysscher D.: *Treatment of brain metastases in small cell lung cancer: Decision-making amongst a multidisciplinary panel of European experts.* **Radiotherapy and oncology** 2020, 149:84 - 88. **Dresden**
822. Putyrski Mateusz, Vakhrusheva Olesya, Bonn Florian, Guntur Suchithra, Vorobyov Andrew, Brandts Christian*, Dikic Ivan, Ernst Andreas: *Disrupting the LC3 Interaction Region (LIR) Binding of Selective Autophagy Receptors Sensitizes AML Cell Lines to Cytarabine.* **Frontiers in cell and developmental biology** 2020, 8:208. **Frankfurt/Mainz_(5.201)**
823. Raab Monika, Kobayashi Nene F, Becker Sven, Kurunci-Csacsko Elisabeth, Krämer Andrea, Strebhardt Klaus*, Sanhaji Mourad: *Boosting the apoptotic response of high-grade serous ovarian cancers with CCNE1 amplification to paclitaxel in vitro by targeting APC/C and the pro-survival protein MCL-1.* **International journal of cancer** 2020, 146:1086-1098. **Frankfurt/Mainz_(5.145)**
824. Rabasco Meneghetti Asier, Zwanenburg-Bezemer Alexander Adriaan*, Löck Steffen*: *Pictures worth more than a thousand words: Prediction of survival in medulloblastoma patients.* **EBioMedicine** 2020, 62:103136 **Dresden_(5.736)**
825. Rabe Moritz, Thieke Christian, Düsberg Mathias, Neppl Sebastian, Gerum Sabine, Reiner Michael, Nicolay Nils Henrik, Schlemmer Heinz-Peter*, Debus Jürgen, Dinkel Julien, Landry Guillaume, Parodi Katia*, Belka Claus*, Kurz Christopher, Kamp Florian: *Real-time 4D-MRI-based internal target volume definition for moving lung tumors.* **Medical physics** 2020, 47:1431-1442. **München**
826. Rachner Tilman D*, Göbel Andy*, Hoffmann Oliver, Erdmann Kati*, Kasimir-Bauer Sabine, Breining Dorit*, Kimmig Rainer, Hofbauer Lorenz C*, Bittner Ann-Kathrin: *High serum levels of periostin are associated with a poor survival in breast cancer.* **Breast cancer research and treatment** 2020, 180:515-524. **Dresden**
827. Rachner Tilman D*, Göbel Andy*, Jaschke Nikolai P, Hofbauer Lorenz C*: *Challenges in preventing bone loss induced by aromatase inhibitors.* **The journal of clinical endocrinology & metabolism** 2020, 105:dgaa463. **Dresden_(5.399)**
828. Radaelli S., Fossati P., Stacchiotti S., Akiyama T., Asencio J. M., Bandiera S., Boglione A., Boland

- P., Bolle S., Bruland Ø, Brunello A., Bruzzi P., Campanacci D., Cananzi F., Capanna R., Casadei R., Cordoba A., Court C., Dei Tos A. P., DeLaney T. F., De Paoli A., De Pas T. M., Desai A., Di Brina L., Donati D. M., Fabbri N., Fiore M. R., Frezza A., Gambarotti M., Gasbarrini A., Georg P., Grignani G., Hindi N., Hug E. B., Jones Barbara, Kawai A., Krol A. D., Le Grange F., Luzzati A., Marquina G., Martin-Benlloch J. A., Mazzocco K., Navarria F., Navarria P., Parchi P. D., Patel S., Pennacchioli E., Petrongari M. G., Picci P., Pollock R., Porcu L., Quagliuolo V., Sangalli C., Scheipl S., Scotto G. M., Spalek M., Steinmeier T., Timmermann B., Trama A., Uhl M.*, Valverde C., Varga P. P., Verges R., Weber D. C., Zoccali C., Casali P. G., Sommer J., Gronchi A.: *The sacral chordoma margin*. **European journal of surgical oncology** 2020, 46:1415-1422. **Essen/Düsseldorf**
829. Rammensee Hans-Georg*, Löffler Markus W*: *Individualisierte Immuntherapie von Tumorerkrankungen mittels Peptidimpfstoffen – Funktioniert das vielleicht doch?* **Bundesgesundheitsblatt, Gesundheitsforschung, Gesundheitsschutz** 2020, 63:1380-1387. **Tübingen**
830. Rammensee Hans-Georg*, Löffler M. W.*, Walz J. S.*, Bokemeyer C., Haen S. P.*, Gouttefangeas C.*: *[Tumor vaccines-therapeutic vaccination against cancer]*. **Der Internist** 2020, 61:690 - 698. **Tübingen**
831. Raschke F., Seidlitz A., Wesemann T., Löck S.*, Jentsch C., Platzek I., Petr J., van den Hoff J., Kotzerke J., Beuthien-Baumann B.*, Baumann M.*, Linn J., Krause M.*, Troost E. G. C.*: *Dose dependent cerebellar atrophy in glioma patients after radio(chemo)therapy*. **Radiotherapy and oncology** 2020, 150:262-267. **Dresden**
832. Rauschenbach Laurèl*: *Spinal Cord Tumor Microenvironment*. **Advances in experimental medicine and biology** 2020, 1226:97-109. **Essen/Düsseldorf**
833. Rauschenbach Laurèl*, Kebir Sied*, Radbruch Alexander, Oppong Marvin Darkwah, Gembruch Oliver, Teuber-Hanselmann Sarah, Gielen Gerrit H, Scheffler Björn*, Glas Martin*, Sure Ulrich, Lemonas Elias: *Challenging implications of CLIPPERS syndrome with atypical presentation: report of two cases*. **World neurosurgery** 2020, 143:507-512.e501. **Essen/Düsseldorf**
834. Rauschenbach Laurèl*, Wieland Anja, Reinartz Roman, Kebir Sied*, Till Andreas, Darkwah Oppong Marvin*, Dobersalske Celia*, Ullrich Vivien*, Ahmad Ashar, Jabbarli Ramazan*, Pierscianek Daniela*, Fröhlich Holger, Simon Matthias, Brüstle Oliver, Sure Ulrich*, Glas Martin*, Scheffler Björn*: *Drug repositioning of antiretroviral ritonavir for combinatorial therapy in glioblastoma*. **European journal of cancer** 2020, 140:130 - 139. **Essen/Düsseldorf**_(7.275)
835. Raut Janhavi*, Guan Zhong*, Schrotz-King Petra*, Brenner Hermann*: *Fecal DNA methylation markers for detecting stages of colorectal cancer and its precursors: a systematic review*. **Clinical epigenetics** 2020, 12:122. **Heidelberg**_(5.028)
836. Razanamahery Jérôme, Diamond Eli L, Cohen-Aubart Fleur, Plate Karl-Heinz*, Lourida Giota, Charlotte Frederic, Hélias-Rodzewicz Zofia, Goyal Gaurav, Go Ronald S, Dogan Ahmet, Abdel-Wahab Omar, Durham Benjamin, Ozkaya Neval, Amoura Zahir, Emile Jean-Francois, Haroche Julien: *Erdheim-Chester disease with concomitant Rosai-Dorfman like lesions: a distinct entity mainly driven by MAP2K1*. **Haematologica** 2020, 105:e5 - e8. **Frankfurt/Mainz**_(7.116)
837. Redondo Monte Enric*, Kerbs Paul*, Greif Philipp*: *ZBTB7A links tumor metabolism to myeloid differentiation*. **Experimental hematology** 2020, 87:20-24.e. **München**
838. Redondo Monte Enric*, Wilding Anja*, Leubolt Georg*, Kerbs Paul*, Bagnoli Johannes W*, Hartmann Luise*, Hiddemann Wolfgang*, Chen-Wichmann Linping, Krebs Stefan, Blum Helmut,

- Cusan Monica, Vick Binje, Jeremias Irmela, Enard Wolfgang, Theurich Sebastian, Wichmann Christian, Greif Philipp*: *ZBTB7A prevents RUNX1-RUNX1T1-dependent clonal expansion of human hematopoietic stem and progenitor cells*. **Oncogene** 2020, 39:3195-3205
München_(7.971)
839. Rehm Martin, Büchele Gisela, Peter Raphael Simon, Brenner Rolf Erwin, Günther Klaus-Peter, Brenner Hermann*, Koenig Wolfgang, Rothenbacher Dietrich: *Relationship between cardiac biomarker concentrations and long-term mortality in subjects with osteoarthritis*. **PLOS ONE** 2020, 15:e0242814 -. **Heidelberg**
840. Rehwald Claudia, Schnetz Matthias, Urbschat Anja, Mertens Christina, Meier Julia K, Bauer Rebekka, Baer Patrick, Winslow Sofia, Roos Frederik C, Zwicker Klaus, Huard Arnaud, Weigert Andreas, Brüne Bernhard*, Jung Michaela: *The iron load of lipocalin-2 (LCN-2) defines its pro-tumour function in clear-cell renal cell carcinoma*. **British journal of cancer** 2020, 122:421 - 433.
Frankfurt/Mainz_(5.791)
841. Reichardt Wilfried*, von Elverfeldt Dominik: *Preclinical Applications of Magnetic Resonance Imaging in Oncology*. **Recent results in cancer research** 2020, nn:nn. **Freiburg**
842. Reinert Christian Philipp, Gatidis Sergios, Sekler Julia, Dittmann Helmut, Pfannenberger Christina, la Fougère Christian*, Nikolaou Konstantin*, Forscher Andrea: *Clinical and prognostic value of tumor volumetric parameters in melanoma patients undergoing 18F-FDG-PET/CT: a comparison with serologic markers of tumor burden and inflammation*. **Cancer imaging** 2020, 20:44.
Tübingen
843. Reischmann Nadine, Andrieux Geoffroy*, Griffin Ricarda, Reinheckel Thomas*, Boerries Melanie*, Brummer Tilman*: *BRAFV600E drives dedifferentiation in small intestinal and colonic organoids and cooperates with mutant p53 and Apc loss in transformation*. **Oncogene** 2020, 39:6053-6070. **Freiburg**_(7.971)
844. Reisinger Dominik, Gojo Johannes, Kasprian Gregor, Haberler Christine, Peyrl Andreas, Azizi Amedeo A, Mayr Lisa, Chocholous Monika, Kool Marcel*, Czech Thomas, Slavic Irene: *Predisposition of Wingless Subgroup Medulloblastoma for Primary Tumor Hemorrhage*. **Neurosurgery** 2020, 86:478-484. **Heidelberg**
845. Reiss Simon, Özen Ali Caglar*, Lottner Thomas, Reichert Andreas, Massmann Alexander, Bock Michael: *Magnetic Resonance Imaging of Venous Stents at 1.5 T: Susceptibility Artifacts and Radiofrequency Shielding*. **Investigative radiology** 2020, 55:741-746. **Freiburg**_(5.156)
846. Reißig Timm*, Siveke Jens*: *Duktales Adenokarzinom des Pankreas – Entstehung, Diagnostik, Therapie* Pancreatic cancer—emergence, diagnosis, therapy. **Der Onkologe** 2020, 26:977–985.
Essen/Düsseldorf
847. Reissig Timm M, Sara Linda, Ting Saskia, Reis Henning, Metzenmacher Martin, Eberhardt Wilfried E E, Zaun Gregor, Herold Thomas, Aigner Clemens, Darwiche Kaid, Stuschke Martin*, Schildhaus Hans-Ulrich, Schuler Martin*, Wiesweg Marcel: *ERK phosphorylation as a marker of RAS activity and its prognostic value in non-small cell lung cancer*. **Lung cancer** 2020, 149:10 - 16.
Essen/Düsseldorf
848. Ren Lei, Mota Reyes Carmen, Friess Helmut*, Demir Ihsan Ekin*: *Neoadjuvant therapy in pancreatic cancer: what is the true oncological benefit?* **Langenbeck's archives of surgery** 2020, 405:879-887. **München**
849. Reustle Anna, Di Marco Moreno, Meyerhoff Carolin, Nelde Annika*, Walz Juliane S*, Winter

Stefan, Kandabaraui Siahei, Büttner Florian, Haag Mathias, Backert Linus, Kowalewski Daniel J, Rausch Steffen, Hennenlotter Jörg, Stühler Viktoria, Scharpf Marcus, Fend Falko, Stenzl Arnulf, Rammensee Hans-Georg*, Bedke Jens, Stevanović Stefan*, Schwab Matthias*, Schaeffeler Elke: *Integrative -omics and HLA-ligandomics analysis to identify novel drug targets for ccRCC immunotherapy. Genome medicine* 2020, 12:32. **Tübingen_**(10.675)

850. Rheinbay Esther, Nielsen Morten Muhlig, Abascal Federico, Wala Jeremiah A, Shapira Ofer, Tiao Grace, Hornshøj Henrik, Hess Julian M, Juul Randi Istrup, Lin Ziao, Feuerbach Lars*, Sabarinathan Radhakrishnan, Madsen Tobias, Kim Jaegil, Mularoni Loris, Shuai Shimin, Lanzós Andrés, Herrmann Carl*, Maruvka Yosef E, Shen Ciyue, Amin Samirkumar B, Bandopadhyay Pratiti, Bertl Johanna, Boroevich Keith A, Busanovich John, Carlevaro-Fita Joana, Chakravarty Dimple, Chan Calvin*, Craft David, Dhingra Priyanka, Diamanti Klev, Fonseca Nuno A, Gonzalez-Perez Abel, Guo Qianyun, Hamilton Mark P, Haradhvala Nicholas J, Hong Chen, Isaev Keren, Johnson Todd A, Juul Malene, Kahles Andre, Kahraman Abdullah, Kim Youngwook, Komorowski Jan, Kumar Kiran, Kumar Sushant, Lee Donghoon, Lehmann Kjong-Van, Li Yilong, Liu Eric Minwei, Lochovsky Lucas, Park Keunchil, Pich Oriol, Roberts Nicola D, Saksena Gordon, Schumacher Steven E, Sidiropoulos Nikos, Sieverling Lina*, Sinnott-Armstrong Nasa, Stewart Chip, Tamborero David, Tubio Jose M C, Umer Husen M, Uusküla-Reimand Liis, Wadelius Claes, Wadi Lina, Yao Xiaotong, Zhang Cheng-Zhong, Zhang Jing, Haber James E, Hobolth Asger, Imielinski Marcin, Kellis Manolis, Lawrence Michael S, von Mering Christian, Nakagawa Hidewaki, Raphael Benjamin J, Rubin Mark A, Sander Chris, Stein Lincoln D, Stuart Joshua M, Tsunoda Tatsuhiko, Wheeler David A, Johnson Rory, Reimand Jüri, Gerstein Mark, Khurana Ekta, Campbell Peter J, López-Bigas Núria, Group PCAWG Drivers and Functional Interpretation Working, Group PCAWG Structural Variation Working, Weischenfeldt Joachim, Beroukhim Rameen, Martincorena Iñigo, Pedersen Jakob Skou, Getz Gad, Consortium PCAWG, Abascal Federico, Amin Samirkumar B, Bader Gary D, Bandopadhyay Pratiti, Barenboim Jonathan, Beroukhim Rameen, Bertl Johanna, Boroevich Keith A, Brunak Søren, Campbell Peter J, Carlevaro-Fita Joana, Chakravarty Dimple, Chan Calvin Wing Yiu, Chen Ken, Choi Jung Kyoon, Deu-Pons Jordi, Dhingra Priyanka, Diamanti Klev, Feuerbach Lars, Fink J Lynn, Fonseca Nuno A, Frigola Joan, Gambacorti-Passerini Carlo, Garsed Dale W, Gerstein Mark, Getz Gad, Guo Qianyun, Gut Ivo G, Haan David, Hamilton Mark P, Haradhvala Nicholas J, Harmanci Arif O, Helmy Mohamed, Herrmann Carl*, Hess Julian M, Hobolth Asger, Hodzic Ermin, Hong Chen*, Hornshøj Henrik, Isaev Keren, Izarzugaza Jose M G, Johnson Rory, Johnson Todd A, Juul Malene, Juul Randi Istrup, Kahles Andre, Kahraman Abdullah, Kellis Manolis, Khurana Ekta, Kim Jaegil, Kim Jong K, Kim Youngwook, Komorowski Jan, Korbel Jan O, Kumar Sushant, Lanzós Andrés, Larsson Erik, Lawrence Michael S, Lee Donghoon, Lehmann Kjong-Van, Li Shantao, Li Xiaotong, Lin Ziao, Liu Eric Minwei, Lochovsky Lucas, Lou Shaoke, Madsen Tobias, Marchal Kathleen, Martincorena Iñigo, Martinez-Fundichely Alexander, Maruvka Yosef E, McGillivray Patrick D, Meyerson William, Muiños Ferran, Mularoni Loris, Nakagawa Hidewaki, Nielsen Morten Muhlig, Paczkowska Marta, Park Keunchil, Park Kiejung, Pedersen Jakob Skou, Pons Tirso, Pulido-Tamayo Sergio, Raphael Benjamin J, Reimand Jüri, Reyes-Salazar Iker, Reyna Matthew A, Rheinbay Esther, Rubin Mark A, Rubio-Perez Carlota, Sahinalp S Cenk, Saksena Gordon, Salichos Leonidas, Sander Chris, Schumacher Steven E, Shackleton Mark, Shapira Ofer, Shen Ciyue, Shrestha Raunak, Shuai Shimin, Sidiropoulos Nikos, Sieverling Lina, Sinnott-Armstrong Nasa, Stein Lincoln D, Stuart Joshua M, Tamborero David, Tiao Grace, Tsunoda Tatsuhiko, Umer Husen M, Uusküla-Reimand Liis, Valencia Alfonso, Vazquez Miguel, Verbeke Lieven P C, Wadelius Claes, Wadi Lina, Wang Jiayin, Warrell Jonathan, Waszak Sebastian M, Weischenfeldt Joachim, Wheeler David A, Wu Guanming, Yu Jun, Zhang Jing, Zhang Xuanping, Zhang Yan, Zhao Zhongming, Zou Lihua, von Mering Christian, Akdemir

- Kadir C, Alvarez Eva G, Baez-Ortega Adrian, Beroukheim Rameen, Boutros Paul C, Bowtell David D L, Brors Benedikt*, Burns Kathleen H, Busanovich John, Campbell Peter J, Chan Kin, Chen Ken, Cortés-Ciriano Isidro, Dueso-Barroso Ana, Dunford Andrew J, Edwards Paul A, Estivill Xavier, Etemadmoghadam Dariush, Feuerbach Lars, Fink J Lynn, Frenkel-Morgenstern Milana, Garsed Dale W, Gerstein Mark, Gordenin Dmitry A, Haan David, Haber James E, Hess Julian M, Hutter Barbara*, Imielinski Marcin, Jones David T W*, Ju Young Seok, Kazanov Marat D, Klimczak Leszek J, Koh Youngil, Korbel Jan O, Kumar Kiran, Lee Eunjung Alice, Lee Jake June-Koo, Li Yilong, Lynch Andy G, Macintyre Geoff, Markowetz Florian, Martincorena Iñigo, Martinez-Fundichely Alexander, Meyerson Matthew, Miyano Satoru, Nakagawa Hidewaki, Navarro Fabio C P, Ossowski Stephan, Park Peter J, Pearson John V, Puiggròs Montserrat, Rippe Karsten*, Roberts Nicola D, Roberts Steven A, Rodriguez-Martin Bernardo, Schumacher Steven E, Scully Ralph, Shackleton Mark, Sidiropoulos Nikos, Sieverling Lina, Stewart Chip, Torrents David, Tubio Jose M C, Villasante Izar, Waddell Nicola, Wala Jeremiah A, Weischenfeldt Joachim, Yang Lixing, Yao Xiaotong, Yoon Sung-Soo, Zamora Jorge, Zhang Cheng-Zhong: *Analyses of non-coding somatic drivers in 2,658 cancer whole genomes*. **Nature <London>** 2020, 578:102 - 111. **Heidelberg_(42.778)**
851. Richter Günther H S*, Hensel Tim*, Schmidt Oxana*, Saratov Vadim, von Heyking Kristina*, Becker-Dettling Fiona, Prexler Carolin*, Yen Hsi-Yu*, Steiger Katja, Fulda Simone, Dirksen Uta*, Weichert Wilko*, Wang Shudong, Burdach Stefan*, Schäfer Beat W: *Combined Inhibition of Epigenetic Readers and Transcription Initiation Targets the EWS-ETS Transcriptional Program in Ewing Sarcoma*. **Cancers** 2020, 12:304. **München, Essen/Düsseldorf_(6.126)**
852. Rippinger Nathalie, Fischer Christine, Haun Markus W, Rhiem Kerstin, Grill Sabine, Kiechle Marion, Cremer Friedrich W, Kast Karin*, Nguyen Huu P, Ditsch Nina, Kratz Christian P, Vogel Julia, Speiser Dorothee, Hettmer Simone*, Glimm Hanno*, Fröhling Stefan*, Jäger Dirk*, Seitz Stephan, Hahne Andrea, Maatouk Imad, Sutter Christian, Schmutzler Rita K, Dikow Nicola, Schott Sarah: *Cancer surveillance and distress among adult pathogenic TP53 germline variant carriers in Germany: A multicenter feasibility and acceptance survey*. **Cancer** 2020, 126:4032-4041. **Dresden, Heidelberg_(5.742)**
853. Rischin Danny, Migden Michael R, Lim Annette M, Schmults Chrysalyne D, Khushalani Nikhil I, Hughes Brett G M, Schadendorf Dirk*, Dunn Lara A, Hernandez-Aya Leonel, Chang Anne Lynn S, Modi Badri, Hauschild Axel, Ulrich Claas, Eigentler Thomas, Stein Brian, Pavlick Anna C, Geiger Jessica L, Gutzmer Ralf, Alam Murad, Okoye Emmanuel, Mathias Melissa, Jankovic Vladimir, Stankevich Elizabeth, Booth Jocelyn, Li Siyu, Lowy Israel, Fury Matthew G, Guminski Alexander: *Phase 2 study of cemiplimab in patients with metastatic cutaneous squamous cell carcinoma: primary analysis of fixed-dosing, long-term outcome of weight-based dosing*. **Journal for ImmunoTherapy of Cancer** 2020, 8:e000775 -. **Essen/Düsseldorf_(9.913)**
854. Ristau J.*, Giesel F. L.*, Haefner M. F.*, Staudinger F., Lindner T., Merkel A., Schlittenhardt J., Kratochwil C.*, Choyke P. L., Herfarth K.*, Debus J.*, Haberkorn U.*, Koerber S. A.*: *Impact of Primary Staging with Fibroblast Activation Protein Specific Enzyme Inhibitor (FAPI)-PET/CT on Radio-Oncologic Treatment Planning of Patients with Esophageal Cancer*. **Molecular imaging & biology** 2020, 22:1495-1500. **Heidelberg**
855. Rivera Maria, Fichtner Iduna, Wulf-Goldenberg Annika, Sers Christine, Merk Johannes, Patone Giannino*, Alp Keziban M, Kanashova Tamara, Mertins Philipp, Hoffmann Jens, Stein Ulrike, Walther Wolfgang: *Patient-derived xenograft (PDX) models of colorectal carcinoma (CRC) as a platform for chemosensitivity and biomarker analysis in personalized medicine*. **Neoplasia** 2020, 23:21 - 35. **Heidelberg_(5.696)**

856. Robert Caroline, Long Georgina V, Brady Benjamin, Dutriaux Caroline, Di Giacomo Anna Maria, Mortier Laurent, Rutkowski Piotr, Hassel Jessica C, McNeil Catriona M, Kalinka Ewa Anna, Lebbé Céleste, Charles Julie, Hernberg Micaela M, Savage Kerry J, Chiarion-Sileni Vanna, Mihalcioiu Catalin, Mauch Cornelia, Arance Ana, Cognetti Francesco, Ny Lars, Schmidt Henrik, Schadendorf Dirk*, Gogas Helen, Zoco Jesús, Re Sandra, Ascierto Paolo A, Atkinson Victoria: *Five-Year Outcomes With Nivolumab in Patients With Wild-Type BRAF Advanced Melanoma*. **Journal of clinical oncology** 2020, 38:3937-3946. **Essen/Düsseldorf_(32.956)**
857. Rödel Franz*, Zhou Shengtao, Györfy Balász, Raab Monika, Sanhaji Mourad, Mandal Ranadip, Martin Daniel, Becker Sven, Strebhardt Klaus*: *The Prognostic Relevance of the Proliferation Markers Ki-67 and Plk1 in Early-Stage Ovarian Cancer Patients With Serous, Low-Grade Carcinoma Based on mRNA and Protein Expression*. **Frontiers in oncology** 2020, 10:558932. **Frankfurt/Mainz**
858. Rodriguez-Martin Bernardo, Alvarez Eva G, Baez-Ortega Adrian, Zamora Jorge, Supek Fran, Demeulemeester Jonas, Santamarina Martin, Ju Young Seok, Temes Javier, Garcia-Souto Daniel, Detering Harald, Li Yilong, Rodriguez-Castro Jorge, Dueso-Barroso Ana, Bruzos Alicia L, Dentro Stefan C, Blanco Miguel G, Contino Gianmarco, Ardeljan Daniel, Tojo Marta, Roberts Nicola D, Zumalave Sonia, Edwards Paul A W, Weischenfeldt Joachim, Puiggròs Montserrat, Chong Zechen, Chen Ken, Lee Eunjung Alice, Wala Jeremiah A, Raine Keiran, Butler Adam, Waszak Sebastian M, Navarro Fabio C P, Schumacher Steven E, Monlong Jean, Maura Francesco, Bolli Niccolo, Bourque Guillaume, Gerstein Mark, Park Peter J, Wedge David C, Beroukhim Rameen, Torrents David, Korbel Jan O, Martincorena Inigo, Fitzgerald Rebecca C, Van Loo Peter, Kazazian Haig H, Burns Kathleen H, Group PCAWG Structural Variation Working, Campbell Peter J, Tubio Jose M C, Consortium PCAWG, Akdemir Kadir C, Alvarez Eva G, Baez-Ortega Adrian, Beroukhim Rameen, Boutros Paul C, Bowtell David D L, Brors Benedikt*, Burns Kathleen H, Campbell Peter J, Chan Kin, Chen Ken, Cortés-Ciriano Isidro, Dueso-Barroso Ana, Dunford Andrew J, Edwards Paul A, Estivill Xavier, Etemadmoghadam Dariush, Feuerbach Lars*, Fink J Lynn, Frenkel-Morgenstern Milana, Garsed Dale W, Gerstein Mark, Gordenin Dmitry A, Haan David, Haber James E, Hess Julian M, Hutter Barbara*, Imielinski Marcin, Jones David T W*, Ju Young Seok, Kazanov Marat D, Klimczak Leszek J, Koh Youngil, Korbel Jan O, Kumar Kiran, Lee Eunjung Alice, Lee Jake June-Koo, Li Yilong, Lynch Andy G, Macintyre Geoff, Markowitz Florian, Martincorena Iñigo, Martinez-Fundichely Alexander, Meyerson Matthew, Miyano Satoru, Nakagawa Hidewaki, Navarro Fabio C P, Ossowski Stephan, Park Peter J, Pearson John V, Puiggròs Montserrat, Rippe Karsten*, Roberts Nicola D, Roberts Steven A, Rodriguez-Martin Bernardo, Schumacher Steven E, Scully Ralph, Shackleton Mark, Sidiropoulos Nikos, Sieverling Lina*, Stewart Chip, Torrents David, Tubio Jose M C, Villasante Izar, Waddell Nicola, Wala Jeremiah A, Weischenfeldt Joachim, Yang Lixing, Yao Xiaotong, Yoon Sung-Soo, Zamora Jorge, Zhang Cheng-Zhong: *Pan-cancer analysis of whole genomes identifies driver rearrangements promoted by LINE-1 retrotransposition*. **Nature genetics** 2020, 52:306-319. **Heidelberg_(27.605)**
859. Rodríguez-Núñez Pablo, Romero-Pérez Laura, Amaral Ana T, Puerto-Camacho Pilar, Jordán Carmen, Marcilla David, Grünwald Thomas*, Alonso Javier, de Alava Enrique, Díaz-Martín Juan: *Hippo pathway effectors YAP1/TAZ induce an EWS-FLI1-opposing gene signature and associate with disease progression in Ewing sarcoma*. **The journal of pathology** 2020, 250:374-386. **München_(5.979)**
860. Roehlecke Cora, Schmidt Mirko H H*: *Tunneling Nanotubes and Tumor Microtubes in Cancer*. **Cancers** 2020, 12:E857. **Dresden_(6.126)**
861. Roengvoraphoj Olarn, Käsman Lukas*, Eze Chukwuka, Taugner Julian, Gjika Arteda, Tufman

- Amanda, Hadi Indrawati, Li Minglun, Mille Erik, Gennen Kathrin, Belka Claus*, Manapov Farkhad*: *Maximum standardized uptake value of primary tumor (SUVmax_PT) and horizontal range between two most distant PET-positive lymph nodes predict patient outcome in inoperable stage III NSCLC patients after chemoradiotherapy*. **Translational Lung Cancer Research** 2020, 9:541 - 548. **München**_(5.132)
862. Roerden Malte, Nelde Annika*, Heitmann Jonas S*, Klein Reinhild, Rammensee Hans-Georg*, Bethge Wolfgang A, Walz Juliane S*: *HLA Evolutionary Divergence as a Prognostic Marker for AML Patients Undergoing Allogeneic Stem Cell Transplantation*. **Cancers** 2020, 12:1835. **Tübingen**_(6.126)
863. Rogasch Julian, Beck Marcus, Stromberger Carmen, Hofheinz Frank, Ghadjar Pirus, Wust Peter, Budach Volker, Amthauer Holger, Tinhofer Ingeborg*, Furth Christian, Walter-Rittel Thula C., Zschaek Sebastian: *PET measured hypoxia and MRI parameters in re-irradiated head and neck squamous cell carcinomas: findings of a prospective pilot study*. **F1000Research** 2020, 9:1350. **Berlin**
864. Röhm Sandra, Schröder Martin, Dwyer Jessica E., Widdowson Caroline S., Chaikuad Apirat, Berger Benedict-Tilman, Joerger Andreas C., Krämer Andreas, Harbig Jule, Dauch Daniel*, Kudolo Mark, Laufer Stefan, Bagley Mark C., Knapp Stefan: *Selective targeting of the α C and DFG-out pocket in p38 MAPK*. **European journal of medicinal chemistry** 2020, 208:112721. **Tübingen**_(5.572)
865. Roeder Tobias, Seufert Julian*, Uvarovskii Alexey, Frauhammer Felix, Bordas Marie*, Abedpour Nima, Stolarczyk Marta, Mallm Jan-Philipp*, Herbst Sophie A, Bruch Peter-Martin, Balke-Want Hyatt, Hundemer Michael, Rippe Karsten*, Goepfert Benjamin, Seiffert Martina*, Brors Benedikt*, Mechtersheimer Gunhild, Zenz Thorsten, Peifer Martin, Chapuy Björn, Schlesner Matthias*, Müller-Tidow Carsten, Fröhling Stefan*, Huber Wolfgang, Anders Simon, Dietrich Sascha: *Dissecting intratumour heterogeneity of nodal B-cell lymphomas at the transcriptional, genetic and drug-response levels*. **Nature cell biology** 2020, 22:896 - 906. **Heidelberg**_(20.042)
866. Ronellenfitsch Michael W.*, Harter Patrick*, Kirchner Martina, Heining Christoph*, Hutter Barbara*, Gieldon Laura*, Schittenhelm Jens, Schuhmann Martin U., Tatagiba Marcos, Marquardt Gerhard, Wagner Marlies, Endris Volker, Brandts Christian H. *, Mautner Victor-Felix, Schröck Evelin*, Weichert Wilko*, Brors Benedikt*, von Deimling Andreas*, Mittelbronn Michel, Steinbach Joachim P.*, Reuss David E.*, Glimm Hanno*, Stenzinger Albrecht*, Fröhling Stefan*: *Targetable ERBB2 mutations identified in neurofibroma/schwannoma hybrid nerve sheath tumors*. **The journal of clinical investigation** 2020, 130:2488 - 2495. **Frankfurt/Mainz, Dresden, München, Heidelberg**_(11.864)
867. Rothenburger Tamara, McLaughlin Katie-May, Herold Tobias, Schneider Constanze, Oellerich Thomas*, Rothweiler Florian, Feber Andrew, Fenton Tim R, Wass Mark N, Keppler Oliver T, Michaelis Martin, Cinatl Jindrich: *SAMHD1 is a key regulator of the lineage-specific response of acute lymphoblastic leukaemias to nelarabine*. **Communications biology** 2020, 3:324. **Frankfurt/Mainz**
868. Rozevsky Yana, Gilboa Tal, van Kooten Xander F, Kobelt Dennis, Huttner Diana, Stein Ulrike*, Meller Amit: *Quantification of mRNA Expression Using Single-Molecule Nanopore Sensing*. **ACS nano** 2020, 14:13964-13974. **Berlin**_(14.588)
869. Ruan Xiongtao, Johnson Gregory R, Bierschenk Iris, Nitschke Roland, Boerries Melanie*, Busch Hauke, Murphy Robert F: *Image-derived models of cell organization changes during*

- differentiation and drug treatments. Molecular biology of the cell* 2020, 31:655-666. **Freiburg**
870. Rudà Roberta, Houillier Caroline, Maschio Marta, Reijneveld Jaap C, Hellot Scarlett, De Backer Marc, Chan Jane, Joeres Lars, Leunikava Iryna, Glas Martin*, Grant Robin: *Effectiveness and tolerability of lacosamide as add-on therapy in patients with brain tumor-related epilepsy: Results from a prospective, noninterventional study in European clinical practice (VIBES). Epilepsia* 2020, 61:647 - 656. **Essen/Düsseldorf**_(6.040)
871. Ruf Viktoria C, Schöler Anne*, Capper David*, Arzberger Thomas, Herms Jochen, Schüller Ulrich: *An 8-Year-Old Girl with Posterior Fossa Mass. Brain pathology* 2020, 30:713 - 714. **Berlin**_(5.568)
872. Rühle Alexander*, Grosu Anca-L*, Wiedenmann Nicole*, Mix Michael, Stoian Raluca*, Niedermann Gabriele*, Baltas Dimos*, Werner Martin*, Weber Wolfgang A, Kayser Gian*, Nicolay Nils H*: *Hypoxia dynamics on FMISO-PET in combination with PD-1/PD-L1 expression has an impact on the clinical outcome of patients with Head-and-neck Squamous Cell Carcinoma undergoing Chemoradiation. Theranostics* 2020, 10:9395 - 9406. **Freiburg**_(8.579)
873. Rühle Alexander*, Haehl Erik*, David Hélène*, Kalckreuth Tobias*, Sprave Tanja*, Stoian Raluca*, Zamboglou Constantinos*, Gkika Eleni*, Knopf Andreas, Grosu Anca-Ligia*, Nicolay Nils*: *The Value of Laboratory Parameters for Anemia, Renal Function, Systemic Inflammation and Nutritional Status as Predictors for Outcome in Elderly Patients with Head-and-Neck Cancers. Cancers* 2020, 12:E1698. **Freiburg**_(6.126)
874. Rühle Alexander*, Nicolay Nils*: *[Plasma circulating tumor HPV-DNA as a potential biomarker to identify recurrence of HPV-associated oropharyngeal carcinoma]. Strahlentherapie und Onkologie* 2020, 196:676-678. **Freiburg**
875. Rühle Alexander*, Sprave Tanja*, Kalckreuth Tobias*, Stoian Raluca*, Haehl Erik*, Zamboglou Constantinos*, Laszig Roland, Knopf Andreas, Grosu Anca-Ligia*, Nicolay Nils H*: *The value of moderate dose escalation for re-irradiation of recurrent or second primary head-and-neck cancer. Radiation oncology* 2020, 15:81. **Freiburg**
876. Rühle Alexander*, Stromberger Carmen, Haehl Erik*, Senger Carolin, David Hélène*, Stoian Raluca*, Zamboglou Constantinos*, Knopf Andreas, Budach Volker*, Grosu Anca-Ligia*, Nicolay Nils*: *Development and validation of a novel prognostic score for elderly head-and-neck cancer patients undergoing radiotherapy or chemoradiation. Radiotherapy and oncology* 2020, 154:276-282. **Freiburg, Berlin**
877. Rühle Alexander*, Thomsen Andreas*, Saffrich Rainer, Voglstätter Maren*, Bieber Birgit*, Sprave Tanja*, Wuchter Patrick, Vaupel Peter*, Huber Peter E*, Grosu Anca-Ligia*, Nicolay Nils*: *Multipotent mesenchymal stromal cells are sensitive to thermic stress - potential implications for therapeutic hyperthermia. International journal of hyperthermia and thermal therapies* 2020, 37:430 - 441. **Freiburg**
878. Rusert Jessica M, Juarez Edwin F, Brabetz Sebastian*, Jensen James, Garancher Alexandra, Chau Lianne Q, Tacheva-Grigorova Silvia K, Wahab Sameerah, Udaka Yoko T, Finlay Darren, Seker-Cin Huriye*, Reardon Brendan, Gröbner Susanne*, Serrano Jonathan, Ecker Jonas*, Qi Lin, Kogiso Mari, Du Yuchen, Baxter Patricia A, Henderson Jacob J, Berens Michael E, Vuori Kristiina, Milde Till*, Cho Yoon-Jae, Li Xiao-Nan, Olson James M, Reyes Iris, Snuderl Matija, Wong Terence C, Dimmock David P, Nahas Shareef A, Malicki Denise, Crawford John R, Levy Michael L, Van Allen Eliezer M, Pfister Stefan*, Tamayo Pablo, Kool Marcel*, Mesirov Jill P, Wechsler-Reya Robert J: *Functional precision medicine identifies new therapeutic candidates for medulloblastoma.*

Cancer research 2020, 80:5393-5407. **Heidelberg**_(9.727)

879. Ruzicka Michael, Koenig Lars M, Formisano Simone, Boehmer Daniel F R, Vick Binje, Heuer Eva-M, Meinel Hanna, Kocheise Lorenz, Zeitlhofer Marcus, Ahlfeld Julia, Kobold Sebastian, Endres Stefan, Subklewe Marion*, Duewell Peter, Schnurr Max, Jeremias Irmela*, Lichtenegger Felix S, Rothenfusser Simon: *RIG-I-based immunotherapy enhances survival in preclinical AML models and sensitizes AML cells to checkpoint blockade*. **Leukemia** 2020, 34:1017 - 1026. **München**_(8.665)
880. Sachpazidis Ilias*, Mavroidis Panayiotis, Zamboglou Constantinos*, Klein Christina Marie*, Grosu Anca-Ligia*, Baltas Dimos*: *Prostate cancer tumour control probability modelling for external beam radiotherapy based on multi-parametric MRI-GTV definition*. **Radiation oncology** 2020, 15:242. **Freiburg**
881. Sachpekidis Christos*, Afshar-Oromieh A., Kopka K.*, Strauss D. S.*, Pan Leyun*, Haberkorn U.*, Dimitrakopoulou-Strauss Antonia*: *18F-PSMA-1007 multiparametric, dynamic PET/CT in biochemical relapse and progression of prostate cancer*. **European journal of nuclear medicine and molecular imaging** 2020, 47:592-602. **Heidelberg**_(7.081)
882. Sack Ulrich, Tarnok Attila, Preijers Frank, Köhl Ulrike, Na Il-Kang*: *Editorial: Modulation of Human Immune Parameters by Anticancer Therapies*. **Frontiers in immunology** 2020, 11:621556. **Berlin**_(5.085)
883. Sadik Ahmed*, Somarribas Patterson Luis F*, Öztürk Selcen*, Mohapatra Soumya R*, Panitz Verena*, Secker Philipp F*, Pfänder Pauline*, Loth Stefanie, Salem Heba*, Prentzell Mirja Tamara*, Berdel Bianca*, Iskar Murat*, Faessler Erik, Reuter Friederike*, Kirst Isabelle*, Kalter Verena*, Foerster Kathrin I, Jäger Evelyn, Guevara Carina Ramallo, Sobeh Mansour, Hielscher Thomas*, Poschet Gernot, Reinhardt Annekathrin*, Hassel Jessica C, Zapatka Marc*, Hahn Udo, von Deimling Andreas*, Hopf Carsten, Schlichting Rita, Escher Beate I, Burhenne Jürgen, Haefeli Walter E, Ishaque Naveed, Böhme Alexander, Schäuble Sascha, Thedieck Kathrin, Trump Saskia, Seiffert Martina*, Opitz Christiane*: *IL4/1 Is a Metabolic Immune Checkpoint that Activates the AHR and Promotes Tumor Progression*. **Cell** 2020, 182:1252-1270.e1234. **Heidelberg**_(38.637)
884. Safi Seyer, Yamauchi Yoshikane, Hoffmann Hans, Weichert Wilko, Jost Philipp J*, Winter Hauke, Muley Thomas, Beckhove Philipp: *Circulating Interleukin-4 Is Associated with a Systemic T Cell Response against Tumor-Associated Antigens in Treatment-Naïve Patients with Resectable Non-Small-Cell Lung Cancer*. **Cancers** 2020, 12:3496 **München**_(6.126)
885. Sage Eva Katharina, Vogel Marco M E, Dewes Sabrina, Devecka Michal, Eiber Matthias, Gschwend Jürgen E, Combs Stephanie E*, Schiller Kilian: *[Stereotactic body radiotherapy (SBRT) for the treatment of bone metastases in oligometastasised prostate cancer]*. **Aktuelle Urologie** 2020, 51:265-270. **München**
886. Sahbai Samine, Fiz Francesco, Taran Florin, Brucker Sara, Wallwiener Diethelm, Kupferschlaeger Juergen, La Fougère Christian*, Dittmann Helmut: *Influence of 99m-Tc-Nanocolloid Activity Concentration on Sentinel Lymph Node Detection in Endometrial Cancer: A Quantitative SPECT/CT Study*. **Diagnostics** 2020, 10:700 -. **Tübingen**
887. Saito Ryoko, Kasajima Atsuko*, Kawabata Yoshinori, Miki Yasuhiro, Tominaga Junya, Tatebe Shunsuke, Nakajima Hiromichi, Hata Shuko, Inoue Chihiro, Taniuchi Shinji, Fujishima Fumiyoshi, Watanabe Mika, Sato Yasufumi, Okada Yoshinori, Sasano Hironobu: *Vasohibin-1 and miR-720 expression in diffuse pulmonary capillary hemangiomatosis-like changes associated with pulmonary hypoplasia*. **Pathology international** 2020, 70:470-472. **München**

888. Salchow J., Mann J., Koch B., von Grundherr J., Jensen W., Elmers S., Straub L. A., Vettorazzi E., Escherich G., Rutkowski S., Dwinger S., Bergelt C., Sokalska-Duhme M., Bielack S., Calaminus G., Baust K., Classen C. F., Rössig C., Faber J., Faller H., Hilgendorf I., Gebauer J., Langer T., Metzler M., Schuster S., Niemeyer C., Puzik A., Reinhardt D. *, Dirksen U., Sander A., Köhler M., Habermann J. K., Bokemeyer C., Stein A.: *Comprehensive assessments and related interventions to enhance the long-term outcomes of child, adolescent and young adult cancer survivors - presentation of the CARE for CAYA-Program study protocol and associated literature review.* **BMC cancer** 2020, 20:16. **Essen/Düsseldorf**
889. Salfelder Maria-Elena A, Kessel Kerstin A*, Thiel Uwe, Burdach Stefan, Kampfer Severin, Combs Stephanie E*: *Prospective evaluation of multitarget treatment of pediatric patients with helical intensity-modulated radiotherapy.* **Strahlentherapie und Onkologie** 2020, 196:1103-1115. **München**
890. Salik Basit, Yi Hangyu, Hassan Nunki, Santiappillai Nancy, Vick Binje*, Connerty Patrick, Duly Alastair, Trahair Toby, Woo Andrew J, Beck Dominik, Liu Tao, Spiekermann Karsten*, Jeremias Irmela*, Wang Jianlong, Kavallaris Maria, Haber Michelle, Norris Murray D, Liebermann Dan A, D'Andrea Richard J, Murriel Christopher, Wang Jenny Y: *Targeting RSPO3-LGR4 Signaling for Leukemia Stem Cell Eradication in Acute Myeloid Leukemia.* **Cancer cell** 2020, 38:263-278.e266. **München_(26.602)**
891. Samaras Patroklos, Schmidt Tobias, Frejno Martin, Gessulat Siegfried, Reinecke Maria*, Jarzab Anna, Zecha Jana, Mergner Julia, Giansanti Piero, Ehrlich Hans-Christian, Aiche Stephan, Rank Johannes, Kienegger Harald, Krcmar Helmut, Kuster Bernhard, Wilhelm Mathias: *ProteomicsDB: a multi-omics and multi-organism resource for life science research.* **Nucleic acids research** 2020, 48: D1153-D1163. **München_(11.502)**
892. Sánchez-González Ismael, Bobien Anja, Molnar Christian, Schmid Simone, Strotbek Michaela, Boerries Melanie*, Busch Hauke, Olayioye Monilola A: *miR-149 Suppresses Breast Cancer Metastasis by Blocking Paracrine Interactions with Macrophages.* **Cancer research** 2020, 80:1330 - 1341. **Freiburg_(9.727)**
893. Sánchez-Maldonado J. M., Campa D., Springer J., Badiola J., Niazi Y. *, Moñiz-Díez A., Hernández-Mohedo F., González-Sierra P., Ter Horst R., Macaudo A. *, Brezina S., Cunha C., Lackner M., López-Nevot M. A., Fianchi L., Pagano L., López-Fernández E., Potenza L., Luppi M., Moratalla L., Rodríguez-Sevilla J. J., Fonseca J. E., Tormo M., Solano C., Clavero E., Romero A., Li Y., Lass-Flörl C., Einsele H., Vazquez L., Loeffler J., Hemminki K. *, Carvalho A., Netea M. G., Gsur A., Dumontet C., Canzian F. *, Försti A. *, Jurado M., Sainz J.: *Host immune genetic variations influence the risk of developing acute myeloid leukaemia: results from the NuCLEAR consortium.* **Blood cancer journal** 2020, 10:75. **Heidelberg_(8.023)**
894. Sarić Nemanja, Selby Matthew, Ramaswamy Vijay, Kool Marcel*, Stockinger Brigitta, Hogstrand Christer, Williamson Daniel, Marino Silvia, Taylor Michael D, Clifford Steven C, Basson M Albert: *The AHR pathway represses TGFβ-SMAD3 signalling and has a potent tumour suppressive role in SHH medulloblastoma.* **Scientific reports** 2020, 10:148. **Heidelberg**
895. Saricaoglu Ömer Cemil, Teller Steffen, Wang Xiaobo, Wang Shenghan, Stupakov Pavel, Heinrich Tobias, Istvanffy Rouzanna, Friess Helmut, Ceyhan Güralp O, Demir Ihsan Ekin*: *Localisation analysis of nerves in the mouse pancreas reveals the sites of highest nerve density and nociceptive innervation.* **Neurogastroenterology and motility** 2020, 32:e13880. **München**
896. Sarma Bhavishya, Willmes Christoph, Angerer Laura, Adam Christian, Becker Jürgen C*,

- Kervarrec Thibault, Schrama David, Houben Roland: *Artesunate Affects T Antigen Expression and Survival of Virus-Positive Merkel Cell Carcinoma*. **Cancers** 2020, 12:919
Essen/Düsseldorf_(6.126)
897. Sauter Andreas P, Kössinger Antonia, Beck Stefanie, Deniffel Dominik, Dapper Hendrik*, Combs Stephanie E*, Rummeny Ernst J, Pfeiffer Daniela: *Dual-energy CT parameters in correlation to MRI-based apparent diffusion coefficient: evaluation in rectal cancer after radiochemotherapy*. **Acta radiologica open** 2020, 9:205846012094531 -. **München**
898. Schaefer Christian, Zamboglou Constantinos*, Volegova-Neher Natalja, Martini Carmen, Nicolay Nils Henrik, Schmidt-Hegemann Nina-Sophie, Rogowski Paul, Li Minglun, Belka Claus*, Müller Arndt-Christian*, Grosu Anca-Ligia*, Brunner Thomas: *Impact of a low FODMAP diet on the amount of rectal gas and rectal volume during radiotherapy in patients with prostate cancer - a prospective pilot study*. **Radiation oncology** 2020, 15:27. **Freiburg, München, Tübingen**
899. Scharl Sophia, Kessel Kerstin A*, Diehl Christian, Gempt Jens, Meyer Bernhard, Zimmer Claus, Straube Christoph*, Combs Stephanie E*: *Is local radiotherapy a viable option for patients with an opening of the ventricles during surgical resection of brain metastases?* **Radiation oncology** 2020, 15:276. **München**
900. Schaub Lukas, Harrabi Semi Ben*, Debus Juergen*: *Particle therapy in the future of precision therapy*. **BJR** 2020, 93:20200183. **Heidelberg**
901. Schaule Jana, Kroeze Stephanie G C, Blanck Oliver, Stera Susanne, Kahl Klaus H, Roeder Falk, Combs Stephanie E, Kaul David, Claes An, Schymalla Markus M, Adebahr Sonja*, Eckert Franziska, Lohaus Fabian, Abbasi-Senger Nasrin, Henke Guido, Szuëcs Marcella, Geier Michael, Sundahl Nora, Buergy Daniel, Dummer Reinhard, Guckenberger Matthias: *Predicting survival in melanoma patients treated with concurrent targeted- or immunotherapy and stereotactic radiotherapy : Melanoma brain metastases prognostic score*. **Radiation oncology** 2020, 15:135. **Freiburg, Dresden**
902. Schaupp Laura, Muth Sabine, Rogell Leif, Kofoed-Branzk Michael, Melchior Felix, Lienenklaus Stefan, Ganai-Vonarburg Stephanie C, Klein Matthias, Guendel Fabian, Hain Tobias, Schütze Kristian, Grundmann Ulrike, Schmitt Vanessa, Dorsch Martina, Spanier Julia, Larsen Pia-Katharina, Schwanz Thomas, Jäckel Sven, Reinhardt Christoph, Bopp Tobias*, Danckwardt Sven, Mahnke Karsten, Heinz Gitta Anne, Mashreghi Mir-Farzin, Durek Pawel, Kalinke Ulrich, Kretz Oliver, Huber Tobias B, Weiss Siegfried, Wilhelm Christoph, Macpherson Andrew J, Schild Hansjörg, Diefenbach Andreas, Probst Hans Christian: *Microbiota-Induced Type I Interferons Instruct a Poised Basal State of Dendritic Cells*. **Cell** 2020, 181:1080-1096.e19420304852. **Frankfurt/Mainz_(38.637)**
903. Schelb Patrick*, Kohl Simon*, Radtke Jan. Philipp.*, Wiesenfarth Manuel.*, Kickingereder Philipp.*, Bickelhaupt Sebastian.*, Kuder Tristan. Anselm.*, Stenzinger Albrecht., Hohenfellner Markus., Schlemmer Heinz. -Peter.*, Maier-Hein Klaus. H.*, Bonekamp David*: *Closing the Gap between Prostate Cancer and Deep Learning Detection Tools Response*. **Radiology** 2020, 295:E9 - +. **Heidelberg_(7.931)**
904. Schenkwein Diana, Afzal Saira*, Nousiainen Alisa, Schmidt Manfred*, Ylä-Herttuala Seppo: *Efficient Nuclease-Directed Integration of Lentivirus Vectors into the Human Ribosomal DNA Locus*. **Molecular therapy** 2020, 28:1858-1875. **Heidelberg_(8.986)**
905. Scherer Dominique*, Deutelmöser Heike*, Balavarca Yesilda*, Toth Reka*, Habermann Nina*, Buck Katharina*, Kap Elisabeth Johanna*, Botma Akke*, Seibold Petra*, Jansen Lina*, Lorenzo

- Bermejo Justo, Weigl Korbinian*, Benner Axel*, Hoffmeister Michael*, Ulrich Alexis, Brenner Hermann*, Burwinkel Barbara*, Chang-Claude Jenny*, Ulrich Cornelia M: *Polymorphisms in the Angiogenesis-Related Genes EFNB2, MMP2 and JAG1 Are Associated with Survival of Colorectal Cancer Patients*. **International journal of molecular sciences** 2020, 21:5395. **Heidelberg**
906. Scherer Jonas*, Nolden Marco*, Kleesiek Jens*, Metzger Jasmin*, Kades Klaus*, Schneider Verena*, Bach Michael*, Sedlacek Oliver*, Bucher Andreas M*, Vogl Thomas J*, Grünwald Frank*, Kühn Jens-Peter*, Hoffmann Ralf-Thorsten*, Kotzerke Jörg*, Bethge Oliver*, Schimmöller Lars*, Antoch Gerald*, Müller Hans-Wilhelm*, Daul Andreas*, Nikolaou Konstantin*, la Fougère Christian*, Kunz Wolfgang G*, Ingrisch Michael*, Schachtner Balthasar*, Ricke Jens*, Bartenstein Peter*, Nensa Felix*, Radbruch Alexander*, Umutlu Lale*, Forsting Michael*, Seifert Robert*, Herrmann Ken*, Mayer Philipp*, Kauczor Hans-Ulrich*, Penzkofer Tobias*, Hamm Bernd*, Brenner Winfried*, Kloeckner Roman*, Düber Christoph*, Schreckenberger Mathias*, Braren Rickmer*, Kaissis Georgios*, Makowski Marcus*, Eiber Matthias*, Gafita Andrei*, Trager Rupert*, Weber Wolfgang A*, Neubauer Jakob*, Reisert Marco*, Bock Michael*, Bamberg Fabian*, Hennig Jürgen*, Meyer Philipp Tobias*, Ruf Juri*, Haberkorn Uwe*, Schoenberg Stefan O*, Kuder Tristan Anselm*, Neher Peter*, Floca Ralf Omar*, Schlemmer Heinz-Peter*, Maier-Hein Klaus*: *Joint Imaging Platform for Federated Clinical Data Analytics*. **JCO clinical cancer informatics** 2020, 4:1027 - 1038. **Heidelberg, Frankfurt/Mainz, Dresden, Essen/Düsseldorf, Tübingen, München, Berlin**
907. Scherr Anna-Lena, Mock Andreas*, Gdynia Georg, Schmitt Nathalie, Heilig Christoph E*, Korell Felix, Rhadakrishnan Praveen, Hoffmeister Paula, Metzeler Klaus H, Schulze-Osthoff Klaus*, Illert Anna L*, Boerries Melanie*, Trojan Jörg, Waidmann Oliver, Falkenhorst Johanna, Siveke Jens*, Jost Philipp J*, Bitzer Michael, Malek Nisar P, Vecchione Loredana, Jelas Ivan, Brors Benedikt*, Glimm Hanno*, Stenzinger Albrecht*, Grekova Svetlana P, Gehrig Tobias, Schulze-Bergkamen Henning, Jäger Dirk*, Schirmacher Peter*, Heikenwalder Mathias*, Goeppert Benjamin, Schneider Martin, Fröhling Stefan*, Köhler Bruno C*: *Identification of BCL-XL as highly active survival factor and promising therapeutic target in colorectal cancer*. **Cell death & disease** 2020, 11:875. **Heidelberg, Freiburg, Essen/Düsseldorf, Tübingen, Dresden**_(6.304)
908. Schleich Kolja, Kase Julia, Dörr Jan R, Trescher Saskia, Bhattacharya Animesh, Yu Yong, Wailes Elizabeth M, Fan Dorothy N Y*, Lohneis Philipp, Milanovic Maja, Lau Andrea, Lenze Dido, Hummel Michael*, Chapuy Bjoern, Leser Ulf, Reimann Maurice, Lee Soyoung*, Schmitt Clemens A*: *H3K9me3-mediated epigenetic regulation of senescence in mice predicts outcome of lymphoma patients*. **Nature Communications** 2020, 11:3651. **Berlin**_(12.121)
909. Schlüter Annabelle, Aksan Bahar, Diem Ricarda*, Fairless Richard*, Mauceri Daniela: *VEGFD Protects Retinal Ganglion Cells and, consequently, Capillaries against Excitotoxic Injury*. **Molecular therapy Methods & clinical development** [] 2020, 17:281 - 299. **Heidelberg**
910. Schmid Sebastian C, Koll Florestan J, Rödel Claus, Maisch Philipp, Sauter Andreas, Beckert Franziska, Seitz Anna, Kübler Hubert, Flentje Michael, Chun Felix, Combs Stephanie E*, Schiller Kilian*, Gschwend Jürgen E, Retz Margitta: *Radiation therapy before radical cystectomy combined with immunotherapy in locally advanced bladder cancer - study protocol of a prospective, single arm, multicenter phase II trial (RACE IT)*. **BMC cancer** 2020, 20:8. **München**
911. Schmidle P.*, Biedermann T.*, Posch C.*: *COVID-19 in a melanoma patient under treatment with checkpoint inhibition*. **Journal of the European Academy of Dermatology and Venereology** 2020, 34: e465-e466. **München**_(5.248)
912. Schmidt Hegemann Nina-Sophie, Rogowski Paul, Eze Chukwuka, Schäfer Christian, Stief

- Christian, Lang Sebastian, Spohn Simon, Steffens Rieke, Li Minglun, Gratzke Christian, Schultze-Seemann Wolfgang, Ilhan Harun, Fendler Wolfgang Peter*, Bartenstein Peter, Ganswindt Ute, Buchner Alexander, Grosu Anca-Ligia*, Belka Claus*, Meyer Philipp Tobias, Kirste Simon, Zamboglou Constantinos: *Outcome After 68Ga-PSMA-11 versus Choline PET-Based Salvage Radiotherapy in Patients with Biochemical Recurrence of Prostate Cancer: A Matched-Pair Analysis*. **Cancers** 2020, 12:3395. **Essen/Düsseldorf, Freiburg, München**_(6.126)
913. Schmidt Stefan*, Linge Annett*, Großer Marianne*, Lohaus Fabian*, Gudziol Volker, Nowak Alexander, Tinhofer Ingeborg*, Budach Volker*, Sak Ali*, Stuschke Martin*, Balermipas Panagiotis*, Rödel Claus*, Schäfer Henning*, Grosu Anca-Ligia*, Abdollahi Amir*, Debus Jürgen*, Ganswindt Ute*, Belka Claus*, Pigorsch Steffi*, Combs Stephanie E*, Mönnich David*, Zips Daniel*, Baretton Gustavo B*, Buchholz Frank*, Baumann Michael*, Krause Mechthild*, Löck Steffen*, DTK-ROG: *Comparison of GeneChip, nCounter and real-time polymerase chain reaction based gene expressions predicting loco-regional tumour control after primary and postoperative radiochemotherapy in head and neck squamous cell carcinoma*. **The journal of molecular diagnostics** 2020, 22:801-810. **Dresden, Berlin, Essen/Düsseldorf, Frankfurt/Mainz, Heidelberg, Freiburg, München, Tübingen**_(5.553)
914. Schmidt-Hegemann Nina-Sophie, Buchner Alexander, Eze Chukwuka, Rogowski Paul, Schaefer Christian, Ilhan Harun, Li Minglun, Fendler Wolfgang Peter, Bartenstein Peter, Ganswindt Ute, Stief Christian, Belka Claus*, Kretschmer Alexander: *PSMA-positive nodal recurrence in prostate cancer : Salvage radiotherapy is superior to salvage lymph node dissection in retrospective analysis*. **Strahlentherapie und Onkologie** 2020, 196:637 - 646. **München**
915. Schmidt-Hegemann N-S, Kroeze S. G. C., Henkenberens C., Vogel M. M. E., Kirste S., Becker J., Burger I. A., Derlin T., Bartenstein P., Eiber M., Mix M., la Fougère Ch, Müller A. C., Grosu A. L.*, Combs S. E.*, Christiansen H., Guckenberger M., Belka C.*: *Influence of localization of PSMA-positive oligo-metastases on efficacy of metastasis-directed external-beam radiotherapy-a multicenter retrospective study*. **European journal of nuclear medicine and molecular imaging** 2020, 47:1852-1863. **Freiburg, München**_(7.081)
916. Schmitt Saskia, Tahk Siret, Lohner Alina, Hänel Gerulf, Maiser Andreas, Hauke Martina, Patel Lubna, Rothe Maurine, Josenhans Christine, Leonhardt Heinrich, Griffioen Marieke, Deiser Katrin, Fenn Nadja C., Hopfner Karl-Peter, Subklewe Marion*: *Fusion of Bacterial Flagellin to a Dendritic Cell-Targeting α CD40 Antibody Construct Coupled With Viral or Leukemia-Specific Antigens Enhances Dendritic Cell Maturation and Activates Peptide-Responsive T Cells*. **Frontiers in immunology** 2020, 11:602802. **München**_(5.085)
917. Schneeweiss Andreas, Ettl Johannes, Lüftner Diana, Beckmann Matthias W, Belleville Erik, Fasching Peter A, Fehm Tanja N, Geberth Matthias, Häberle Lothar, Hadji Peyman, Hartkopf Andreas D, Hielscher Carsten, Huober Jens, Ruckhäberle Eugen, Janni Wolfgang, Kolberg Hans Christian, Kurbacher Christian M, Klein Evelyn, Lux Michael P, Müller Volkmar, Nabieva Naiba, Overkamp Friedrich, Tesch Hans, Laakmann Elena, Taran Florin-Andrei, Seitz Julia, Thomssen Christoph, Untch Michael, Wimberger Pauline*, Wuerstlein Rachel, Volz Bernhard, Wallwiener Diethelm, Wallwiener Markus, Brucker Sara Y: *Initial experience with CDK4/6 inhibitor-based therapies compared to antihormone monotherapies in routine clinical use in patients with hormone receptor positive, HER2 negative breast cancer - Data from the PRAEGNANT research network for the first 2 years of drug availability in Germany*. **The breast** 2020, 54:88 - 95. **Dresden**
918. Schneider Martin, Müller M., Yigitliler A., Xi J., Simon C., Feger T., Rziha H-J, Stubenrauch F.,

Rammensee Hans-Georg*, Iftner T., Amann R.: *An Orf Virus-based therapeutic vaccine for the treatment of papillomavirus-induced tumors*. **Journal of virology** 2020, 94:e00398-00320.

Tübingen

919. Schnetz Matthias, Meier Julia K, Rehwald Claudia, Mertens Christina, Urbschat Anja, Tomat Elisa, Akam Eman A, Baer Patrick, Roos Frederik C, Brüne Bernhard*, Jung Michaela: *The Disturbed Iron Phenotype of Tumor Cells and Macrophages in Renal Cell Carcinoma Influences Tumor Growth*. **Cancers** 2020, 12:530 **Frankfurt/Mainz_(6.126)**
920. Schober Sebastian J, Thiede Melanie, Gassmann Hendrik, Prexler Carolin, Xue Busheng, Schirmer David, Wohlleber Dirk, Stein Stefanie, Grünwald Thomas G P*, Busch Dirk H, Richter Guenther H S, Burdach Stefan E G*, Thiel Uwe: *MHC Class I-Restricted TCR-Transgenic CD4+ T Cells Against STEAP1 Mediate Local Tumor Control of Ewing Sarcoma In Vivo*. **Cells** 2020, 9:E1581 **München**
921. Schöttker Ben*, Kuznia Sabine*, Laetsch Dana Clarissa*, Czock David, Kopp-Schneider Annette*, Caspari Reiner, Brenner Hermann*: *Protocol of the VICTORIA study: personalized vitamin D supplementation for reducing or preventing fatigue and enhancing quality of life of patients with colorectal tumor - randomized intervention trial*. **BMC cancer** 2020, 20:739. **Heidelberg**
922. Schröder Martin, Filippakopoulos Panagis, Schwalm Martin P, Ferrer Carla A, Drewry David H, Knapp Stefan*, Chaikwad Apirat: *Crystal Structure and Inhibitor Identifications Reveal Targeting Opportunity for the Atypical MAPK Kinase ERK3*. **International journal of molecular sciences** 2020, 21:7953 **Frankfurt/Mainz**
923. Schröder Martin, Tan Li, Wang Jinhua, Liang Yanke, Gray Nathanael S, Knapp Stefan*, Chaikwad Apirat: *Catalytic Domain Plasticity of MKK7 Reveals Structural Mechanisms of Allosteric Activation and Diverse Targeting Opportunities*. **Cell chemical biology** 2020, 27:1285-1295.e1284. **Frankfurt/Mainz_(7.739)**
924. Schroth Werner, Büttner Florian A, Kandabarau Siarhei, Hoppe Reiner, Fritz Peter, Kumbrink Jörg*, Kirchner Thomas*, Brauer Heather A, Ren Yuqi, Henderson David, Madden Stephen F, Sauer Georg, Fehm Tanja, Wallwiener Diethelm, Fasching Peter A, Mürdter Thomas, Schwab Matthias, Brauch Hiltrud*, Group German Tamoxifen and AI Clinicians: *Gene Expression Signatures of BRCAness and Tumor Inflammation Define Subgroups of Early-Stage Hormone Receptor-Positive Breast Cancer Patients*. **Clinical cancer research** 2020, 26:6523-6534. **Tübingen, München_(10,107)**
925. Schubert Maria-Luisa, Dietrich Sascha*, Stilgenbauer Stephan, Schmitt Anita, Pavel Petra, Kunz Alexander, Bondong Andrea, Wegner Mandy, Stadtherr Peter, Jung Susanne, Ho Anthony D.*, Müller-Tidow Carsten*, Schmitt Michael, Dreger Peter*: *Feasibility and Safety of CD19 Chimeric Antigen Receptor T Cell Treatment for B Cell Lymphoma Relapse after Allogeneic Hematopoietic Stem Cell Transplantation*. **Biology of blood and marrow transplantation** 2020, 26:1575 - 1580. **Heidelberg**
926. Schubert Maria-Luisa, Kunz Alexander, Schmitt Anita, Neuber Brigitte, Wang Lei, Hückelhoven-Krauss Angela, Langner Sascha, Michels Birgit, Wick Antje, Daniel Volker, Müller-Tidow Carsten*, Dreger Peter*, Schmitt Michael*: *Assessment of CAR T Cell Frequencies in Axicabtagene Ciloleucel and Tisagenlecleucel Patients Using Duplex Quantitative PCR*. **Cancers** 2020, 12:2820 **Heidelberg_(6.126)**
927. Schuhmacher Juliane, Heidt Sonja, Balchen Torben, Richardson Jennifer Rebecca, Schmeltz Camilla, Sonne Jesper, Schweiker Jonas, Rammensee Hans-Georg*, Thor Straten Per, Røder Martin Andreas, Brasso Klaus, Gouttefangeas Cécile*: *Vaccination against RhoC induces long-*

- lasting immune responses in patients with prostate cancer: results from a phase I/II clinical trial. Journal for ImmunoTherapy of Cancer* 2020, 8:e001157. **Tübingen**_(9.913)
928. Schuler M.*: *Inhibiting Fibroblast Growth Factor Receptors in Cancer - The Next Generation. Annals of oncology* 2020, 31:1285-1286. **Essen/Düsseldorf**_(18.274)
929. Schuler Martin*: *The quest for efficient trial designs in precision oncology. The lancet <London> / Oncology* 2020, 21:1539-1541. **Essen/Düsseldorf**_(33.752)
930. Schuler M.*, Berardi R., Lim W-T, de Jonge M., Bauer Tommi*, Azaro A., Gottfried M., Han J-Y, Lee D. H., Wollner M., Hong D. S., Vogel A., Delmonte A., Akimov M., Ghebremariam S., Cui X., Nwana N., Giovannini M., Kim T. M.: *Molecular correlates of response to capmatinib in advanced non-small-cell lung cancer: clinical and biomarker results from a phase I trial. Annals of oncology* 2020, 31:789-797. **Essen/Düsseldorf, München**_(18.274)
931. Schulz Alexander, Gorodetska Ielizaveta, Behrendt Rayk, Fuessel Susanne, Erdmann Kati, Foerster Sarah, Datta Kaustubh, Mayr Thomas, Dubrovskaya Anna*, Munders Michael H: *Linking NRP2 With EMT and Chemoradioresistance in Bladder Cancer. Frontiers in oncology* 2020, 9:1461. **Dresden**
932. Schulz Michael, Michels Birgitta, Niesel Katja, Stein Stefan, Farin Henner*, Rödel Franz*, Sevenich Lisa*: *Cellular and Molecular Changes of Brain Metastases-Associated Myeloid Cells during Disease Progression and Therapeutic Response. iScience* 2020, 23:101178 **Frankfurt/Mainz**
933. Schulz Marc-Andre, Yeo B T Thomas, Vogelstein Joshua T, Mourao-Miranada Janaina, Kather Jakob N*, Kording Konrad, Richards Blake, Bzdok Danilo: *Different scaling of linear models and deep learning in UKBiobank brain images versus machine-learning datasets. Nature Communications* 2020, 11:4238. **Heidelberg**_(12.121)
934. Schündeln Michael M., Lange Toni, Knoll Maximilian*, Spix Claudia, Brenner Hermann*, Bozorgmehr Kayvan, Stock Christian: *Methods of spatial cluster detection in rare childhood cancers: Benchmarking data and results from a simulation study on neuroblastoma. Data in Brief* 2020, 34:106683. **Heidelberg**
935. Schuster Christian, Huard Arnaud, Sirait-Fischer Evelyn, Dillmann Christina, Brüne Bernhard*, Weigert Andreas*: *S1PR4-dependent CCL2 production promotes macrophage recruitment in a murine psoriasis model. European journal of immunology* 2020, 50:839-845. **Frankfurt/Mainz**
936. Schwarz Daniel, Hidmark Asa, Sturm Volker, Fischer Manuel, Milford David, Hausser Ingrid, Sahm Felix*, Breckwoldt Michael O, Agarwal Nitin, Kuner Rohini, Bendszus Martin, Nawroth Peter P*, Heiland Sabine, Fleming Thomas: *Characterization of experimental diabetic neuropathy using multicontrast magnetic resonance neurography at ultra high field strength. Scientific reports* 2020, 10:7593. **Heidelberg**
937. Schwarz Katharina, Dobiasch Sophie*, Nguyen Lily, Schilling Daniela, Combs Stephanie E*: *Modification of radiosensitivity by Curcumin in human pancreatic cancer cell lines. Scientific reports* 2020, 10:3815. **München**
938. Schweizer Leonille*, Thierfelder Felix*, Thomas Christian, Soschinski Patrick, Suwala Abigail*, Stichel Damian*, Wefers Annika K.*, Wessels Lars, Misch Martin, Kim Hee-yeong*, Jödicke Ruben, Teichmann Daniel, Kaul David, Kahn Johannes, Bockmayr Michael, Hasselblatt Martin, Younsi Alexander, Unterberg Andreas, Knie Bettina, Walter Jan, Al Safatli Diaa, May Sven-Axel, Jödicke Andreas, Ntoulas Georgios, Moskopp Dag, Vajkoczy Peter, Heppner Frank L.*, Capper

- David*, Hartmann Wolfgang, Hartmann Christian, von Deimling Andreas*, Reuss David E.*, Schöler Anne*, Koch Arend*: *Molecular characterization of CNS paragangliomas identifies cauda equina paragangliomas as a distinct tumor entity. Acta neuropathologica* 2020, 140:893-906. **Heidelberg**_(14.256)
939. Schwenck Johannes, Mehling Roman, Thaiss Wolfgang M, Kramer Daniela, Menendez Irene Gonzalez, Öz Hasan Halit, Hartl Dominik, Schulze-Osthoff Klaus*, Hailfinger Stephan, Ghoreschi Kamran, Quintanilla-Martinez Leticia, Carlsen Harald, Röcken Martin*, Pichler Bernd J*, Kneilling Manfred: *Temporal Dynamics of Reactive Oxygen and Nitrogen Species and NF- κ B Activation During Acute and Chronic T Cell-Driven Inflammation. Molecular imaging & biology* 2020, 22:504-514. **Tübingen**
940. Schwenck Johannes, Schörg Barbara, Fiz Francesco, Sonanini Dominik, Forschner Andrea, Eigentler Thomas, Weide Benjamin, Martella Manuela, Gonzalez-Menendez Irene, Campi Cristina, Sambuceti Gianmario, Seith Ferdinand, Quintanilla-Martinez Leticia, Garbe Claus, Pfannenberger Christina, Röcken Martin*, la Fougere Christian*, Pichler Bernd J*, Kneilling Manfred: *Cancer immunotherapy is accompanied by distinct metabolic patterns in primary and secondary lymphoid organs observed by non-invasive in vivo 18F-FDG-PET. Theranostics* 2020, 10:925 - 937. **Tübingen**_(8.579)
941. Seidensaal Katharina, Harrabi Semi Ben, Uhl Matthias, Debus Juergen*: *Re-irradiation with protons or heavy ions with focus on head and neck, skull base and brain malignancies. The British journal of radiology* 2020, 93:20190516. **Heidelberg**
942. Seidensaal K., Harrabi S. B.*, Weykamp F., Herfarth K.*, Welzel T., Mecktersheimer G., Lehner B., Schneider M., Fröhling S.*, Egerer G., Debus J.*, Uhl M.: *Radiotherapy in the treatment of aggressive fibromatosis: experience from a single institution. Radiation oncology* 2020, 15:143. **Heidelberg**
943. Seifert Adrian M*, Eymer Annabel, Heiduk Max*, Wehner Rebekka, Tunger Antje, von Renesse Janusz, Decker Rahel, Aust Daniela E, Welsch Thilo*, Reissfelder Christoph, Weitz Jürgen*, Schmitz Marc*, Seifert Lena*: *PD-1 Expression by Lymph Node and Intratumoral Regulatory T Cells Is Associated with Lymph Node Metastasis in Pancreatic Cancer. Cancers* 2020, 12:2756 **Dresden**_(6.126)
944. Seifert Adrian M*, List Julian, Heiduk Max*, Decker Rahel, von Renesse Janusz, Meinecke Ann-Christin, Aust Daniela E, Welsch Thilo*, Weitz Jürgen*, Seifert Lena*: *Gamma-delta T cells stimulate IL-6 production by pancreatic stellate cells in pancreatic ductal adenocarcinoma. Journal of cancer research and clinical oncology* 2020, 146:3233-3240. **Dresden**
945. Seifert Adrian M*, Reiche Charlotte, Heiduk Max*, Tannert Anna, Meinecke Ann-Christin, Baier Stephanie, von Renesse Janusz, Kahlert Christoph*, Distler Marius, Welsch Thilo*, Reissfelder Christoph, Aust Daniela E, Miller George, Weitz Jürgen*, Seifert Lena*: *Detection of pancreatic ductal adenocarcinoma with galectin-9 serum levels. Oncogene* 2020, 39:3102-3113. **Dresden**_(7.971)
946. Seifert Michael, Schackert Gabriele*, Temme Achim*, Schröck Evelin*, Deutsch Andreas, Klink Barbara*: *Molecular Characterization of Astrocytoma Progression Towards Secondary Glioblastomas Utilizing Patient-Matched Tumor Pairs. Cancers* 2020, 12:E1696. **Dresden**_(6.126)
947. Seifert Robert*, Seitzer Konstantin, Herrmann Ken*, Kessel Katharina, Schäfers Michael, Kleesiek Jens*, Weckesser Matthias, Boegemann Martin, Rahbar Kambiz: *Analysis of PSMA expression and outcome in patients with advanced Prostate Cancer receiving 177 Lu-PSMA-617 Radioligand*

Therapy. Theranostics 2020, 10:7812 - 7820. **Essen/Düsseldorf**_(8.579)

948. Sellner Leopold*, Fan Fuli, Giesen Nicola*, Schubert Maria-Luisa, Goldschmidt Hartmut, Müller-Tidow Carsten*, Dreger Peter*, Raab Marc S*, Schmitt Michael: *BCMA-specific chimeric antigen receptor T cells for multiple myeloma: Clinical experience and future perspectives. International journal of cancer* 2020, 147:2029-2041. **Heidelberg**_(5.145)
949. Selt Florian*, van Tilburg Cornelis M*, Bison Brigitte, Sievers Philipp*, Harting Inga, Ecker Jonas*, Pajtler Kristian W*, Sahm Felix*, Bahr Annabelle, Simon Michèle, Jones David T W*, Well Lennart, Mautner Victor-Felix, Capper David*, Hernáiz Driever Pablo, Gnekow Astrid, Pfister Stefan M*, Witt Olaf*, Milde Till*: *Response to trametinib treatment in progressive pediatric low-grade glioma patients. Journal of neuro-oncology* 2020, 149:499-510. **Heidelberg, Berlin**
950. Senft Christian, Behrens Marion, Lortz Irina, Wenger Katharina, Filipski Katharina*, Seifert Volker, Forster Marie-Thérèse: *The ability to return to work: a patient-centered outcome parameter following glioma surgery. Journal of neuro-oncology* 2020, 149:403-411. **Frankfurt/Mainz**
951. Seyed Khoei Nazlisadat, Jenab Mazda, Murphy Neil, Banbury Barbara L, Carreras-Torres Robert, Viallon Vivian, Kühn Tilman*, Bueno-de-Mesquita Bas, Aleksandrova Krasimira, Cross Amanda J, Weiderpass Elisabete, Stepien Magdalena, Bulmer Andrew, Tjønneland Anne, Boutron-Ruault Marie-Christine, Severi Gianluca, Carbonnel Franck, Katzke Verena*, Boeing Heiner, Bergmann Manuela M, Trichopoulou Antonia, Karakatsani Anna, Martimianaki Georgia, Palli Domenico, Tagliabue Giovanna, Panico Salvatore, Tumino Rosario, Sacerdote Carlotta, Skeie Guri, Merino Susana, Bonet Catalina, Rodríguez-Barranco Miguel, Gil Leire, Chirlaque Maria-Dolores, Ardanaz Eva, Myte Robin, Hultdin Johan, Perez-Cornago Aurora, Aune Dagfinn, Tsilidis Konstantinos K, Albanes Demetrius, Baron John A, Berndt Sonja I, Béziau Stéphane, Brenner Hermann*, Campbell Peter T, Casey Graham, Chan Andrew T, Chang-Claude Jenny*, Chanock Stephen J, Cotterchio Michelle, Gallinger Steven, Gruber Stephen B, Haile Robert W, Hampe Jochen, Hoffmeister Michael*, Hopper John L, Hsu Li, Huyghe Jeroen R, Jenkins Mark A, Joshi Amit D, Kampman Ellen, Larsson Susanna C, Le Marchand Loic, Li Christopher I, Li Li, Lindblom Annika, Lindor Noralane M, Martín Vicente, Moreno Victor, Newcomb Polly A, Offit Kenneth, Ogino Shuji, Parfrey Patrick S, Pharoah Paul D P, Rennert Gad, Sakoda Lori C, Schafmayer Clemens, Schmit Stephanie L, Schoen Robert E, Slattey Martha L, Thibodeau Stephen N, Ulrich Cornelia M, van Duynhoven Franzel J B, Weigl Korbilian*, Weinstein Stephanie J, White Emily, Wolk Alicja, Woods Michael O, Wu Anna H, Zhang Xuehong, Ferrari Pietro, Anton Gabriele, Peters Annette, Peters Ulrike, Gunter Marc J, Wagner Karl-Heinz, Freisling Heinz: *Circulating bilirubin levels and risk of colorectal cancer: serological and Mendelian randomization analyses. BMC medicine* 2020, 18:229. **Heidelberg**_(6.782)
952. Sha Dan, Jin Zhaohui, Budczies Jan*, Kluck Klaus*, Stenzinger Albrecht*, Sinicrope Frank A: *Tumor Mutational Burden as a Predictive Biomarker in Solid Tumors. Cancer discovery* 2020, 10:1808-1825. **Heidelberg**_(29.497)
953. Shahinian Jasmin Hasmik, Rog-Zielinska Eva A, Schlimpert Manuel, Mayer Bettina, Tholen Stefan, Kammerer Bernd, Biniössek Martin L, Beyersdorf Friedhelm, Schilling Oliver*, Siepe Matthias: *Impact of Left Ventricular Assist Device Therapy on the Cardiac Proteome and Metabolome Composition in Ischemic Cardiomyopathy. Artificial organs* 2020, 44:257-267. **Freiburg**
954. Sheetz Joshua B, Mathea Sebastian*, Karvonen Hanna, Malhotra Ketan, Chatterjee Deep, Niininen Wilhelmiina, Perttilä Robert, Preuss Franziska, Suresh Krishna, Stayrook Steven E, Tsutsui Yuko, Radhakrishnan Ravi, Ungureanu Daniela, Knapp Stefan*, Lemmon Mark A:

- Structural Insights into Pseudokinase Domains of Receptor Tyrosine Kinases. Molecular cell* 2020, 79:390-405.e397. **Frankfurt/Mainz_(15.584)**
955. Sheikh Bilal N, Guhathakurta Sukanya, Tsang Tsz Hong, Schwabenland Marius, Renschler Gina, Herquel Benjamin, Bhardwaj Vivek, Holz Herbert, Stehle Thomas, Bondareva Olga, Aizarani Nadim, Mossad Omar, Kretz Oliver, Reichardt Wilfried*, Chatterjee Aindrila, Braun Laura J, Thevenon Julien, Sartelet Herve, Blank Thomas, Grün Dominic, von Elverfeldt Dominik, Huber Tobias B, Vestweber Dietmar, Avilov Sergiy, Prinz Marco, Buescher Joerg M, Akhtar Asifa: *Neural metabolic imbalance induced by MOF dysfunction triggers pericyte activation and breakdown of vasculature. Nature cell biology* 2020, 22:828 - 841. **Freiburg_(20.042)**
956. Shevchenko Ivan*, Mathes Andreas, Groth Christopher*, Karakhanova Svetlana, Müller Verena*, Utikal Jochen*, Werner Jens*, Bazhin Alexandr V.*, Umansky Viktor*: *Enhanced expression of CD39 and CD73 on T cells in the regulation of anti-tumor immune responses. OncoImmunology* 2020, 9:1744946 -. **München_(5.869)**
957. Shi Wenying, Blumenthal Deborah T, Oberheim Bush Nancy Ann, Kebir Sied*, Lukas Rimas V, Muragaki Yoshihiro, Zhu Jay-Jiguang, Glas Martin*: *Global post-marketing safety surveillance of Tumor Treating Fields (TTFields) in patients with high-grade glioma in clinical practice. Journal of neuro-oncology* 2020, 148:489 - 500. **Essen/Düsseldorf**
958. Shi Xiaolong, Kaller Markus, Rokavec Matjaz, Kirchner Thomas*, Horst David*, Hermeking Heiko*: *Characterization of a p53/miR-34a/CSF1R/STAT3 feedback-loop in colorectal cancer. Cellular and Molecular Gastroenterology and Hepatology* 2020, 10:391-418. **München, Berlin_(7.076)**
959. Shoumariyeh Khalid*, Biavasco Francesca, Ihorst Gabriele, Rieg Siegbert, Nieters Alexandra, Kern Winfried V, Miething Cornelius*, Duyster Justus*, Engelhardt Monika*, Bertz Hartmut: *Covid-19 in patients with hematological and solid cancers at a Comprehensive Cancer Center in Germany. Cancer medicine* 2020, 9:8412-8422. **Freiburg**
960. Shoumariyeh Khalid, Hussung Saskia, Niemöller Christoph, Bleul Sabine, Veratti Pia, Follo Marie, Riba Julian, Philipp Ulrike, Palmer Juliane M, Pfeifer Dietmar, Pantic Milena, Meggendorfer Manja, Hackanson Björn, Finke Jürgen, Haferlach Torsten, Duyster Justus*, Miething Cornelius*, Becker Heiko, von Bubnoff Nikolas: *Blastic transformation of BCR-ABL1 positive chronic myeloid leukaemia through acquisition of CBFB-MYH11 and mutant KIT. British journal of haematology* 2020, 190:e339-e343. **Freiburg_(5.518)**
961. Shoumariyeh Khalid*, Schneider Nicolas, Poggio Teresa, Veratti Pia*, Ehrenfeld Sophia*, Redhaber Desiree M*, Khan Robin, Pfeifer Dietmar, Klingenberg Cathrin, Kreutmair Stefanie*, Rudelius Martina, Quintanilla-Martinez Leticia, Fend Falko, Illert Anna L*, Duyster Justus*, Miething Cornelius*: *A novel conditional NPM-ALK-driven model of CD30+ T-cell lymphoma mediated by a translational stop cassette. Oncogene* 2020, 39:1904-1913. **Freiburg_(7.971)**
962. Sidorcenco Vasile, Krahnen Luisa, Schulz Marion, Remy Janina*, Kögel Donat*, Temme Achim*, Krügel Ute, Franke Heike, Aigner Achim: *Glioblastoma Tissue Slice Tandem-Cultures for Quantitative Evaluation of Inhibitory Effects on Invasion and Growth. Cancers* 2020, 12:2707 -. **Frankfurt/Mainz, Dresden_(6.126)**
963. Siebert Frank-André, Kirisits Christian, Hellebust Taran Paulsen, Baltas Dimos*, Verhaegen Frank, Camps Saskia, Pieters Bradley, Kovács György, Thomadsen Bruce: *GEC-ESTRO/ACROP recommendations for quality assurance of ultrasound imaging in brachytherapy. Radiotherapy and oncology* 2020, 148:51-56. **Freiburg**

964. Sieverling Lina*, Hong Chen*, Koser Sandra D, Ginsbach Philip*, Kleinheinz Kortine*, Hutter Barbara*, Braun Delia*, Cortés-Ciriano Isidro, Xi Ruibin, Kabbe Rolf*, Park Peter J, Eils Roland*, Schlesner Matthias*, Group PCAWG-Structural Variation Working, Brors Benedikt*, Rippe Karsten*, Jones David T W*, Feuerbach Lars*, Consortium PCAWG, Akdemir Kadir C, Alvarez Eva G, Baez-Ortega Adrian, Beroukheim Rameen, Boutros Paul C, Bowtell David D L, Brors Benedikt*, Burns Kathleen H, Campbell Peter J, Chan Kin, Chen Ken, Cortés-Ciriano Isidro, Dueso-Barroso Ana, Dunford Andrew J, Edwards Paul A, Estivill Xavier, Etemadmoghadam Dariush, Feuerbach Lars*, Fink J Lynn, Frenkel-Morgenstern Milana, Garsed Dale W, Gerstein Mark, Gordenin Dmitry A, Haan David, Haber James E, Hess Julian M, Hutter Barbara*, Imielinski Marcin, Jones David T W*, Ju Young Seok, Kazanov Marat D, Klimczak Leszek J, Koh Youngil, Korbel Jan O, Kumar Kiran, Lee Eunjung Alice, Lee Jake June-Koo, Li Yilong, Lynch Andy G, Macintyre Geoff, Markowetz Florian, Martincorena Iñigo, Martinez-Fundichely Alexander, Meyerson Matthew, Miyano Satoru, Nakagawa Hidewaki, Navarro Fabio C P, Ossowski Stephan, Park Peter J, Pearson John V, Puiggròs Montserrat, Rippe Karsten*, Roberts Nicola D, Roberts Steven A, Rodriguez-Martin Bernardo, Schumacher Steven E, Scully Ralph, Shackleton Mark, Sidiropoulos Nikos, Sieverling Lina*, Stewart Chip, Torrents David, Tubio Jose M C, Villasante Izar, Waddell Nicola, Wala Jeremiah A, Weischenfeldt Joachim, Yang Lixing, Yao Xiaotong, Yoon Sung-Soo, Zamora Jorge, Zhang Cheng-Zhong: *Genomic footprints of activated telomere maintenance mechanisms in cancer*. **Nature Communications** 2020, 11:733. **Heidelberg_(12.121)**
965. Sievers Philipp*, Chiang Jason, Schrimpf Daniel*, Stichel Damian*, Paramasivam Nagarajan*, Sill Martin*, Gayden Tenzin, Casalini Belen*, Reuss David E*, Dalton James, Pajtler Kristian W*, Hänggi Daniel, Herold-Mende Christel, Rushing Elisabeth, Korshunov Andrey*, Mawrin Christian, Weller Michael, Schlesner Matthias*, Wick Wolfgang*, Jabado Nada, Jones David T W*, Pfister Stefan M*, von Deimling Andreas*, Ellison David W, Sahm Felix*: *YAP1-fusions in pediatric NF2-wildtype meningioma*. **Acta neuropathologica** 2020, 139:215-218. **Heidelberg_(14.256)**
966. Sievers Philipp*, Hielscher Thomas*, Schrimpf Daniel*, Stichel Damian*, Reuss David E*, Berghoff Anna S, Neidert Marian C, Wirsching Hans-Georg, Mawrin Christian, Ketter Ralf, Paulus Werner, Reifenberger Guido*, Lamszus Katrin, Westphal Manfred, Etmann Nima, Ratliff Miriam, Herold-Mende Christel, Pfister Stefan M*, Jones David T W*, Weller Michael, Harter Patrick N, Wick Wolfgang*, Preusser Matthias, von Deimling Andreas*, Sahm Felix*: *CDKN2A/B homozygous deletion is associated with early recurrence in meningiomas*. **Acta neuropathologica** 2020, 140:409-413. **Essen/Düsseldorf, Frankfurt/Mainz_(14.256)**
967. Sievers Philipp*, Schrimpf Daniel*, Stichel Damian*, Reuss David E*, Hasselblatt Martin, Hagel Christian, Staszewski Ori, Hench Jürgen, Frank Stephan, Brandner Sebastian, Korshunov Andrey*, Wick Wolfgang*, Pfister Stefan M*, Reifenberger Guido*, von Deimling Andreas*, Sahm Felix*, Jones David*: *Posterior fossa pilocytic astrocytomas with oligodendroglial features show frequent FGFR1 activation via fusion or mutation*. **Acta neuropathologica** 2020, 139:403-406. **Essen/Düsseldorf_(14.256)**
968. Sill Martin*, Plass Christoph*, Pfister Stefan M*, Lipka Daniel*: *Molecular tumor classification using DNA methylome analysis*. **Human molecular genetics** 2020, 29:R205-R213. **Heidelberg_(5.100)**
969. Simonetto Cristoforo, Mayinger Michael, Ahmed Thamer, Borm Kai, Kundrát Pavel, Pigorsch Steffi*, Kaiser Jan Christian, Combs Stephanie E*: *Longitudinal atherosclerotic changes after radio(chemo)therapy of hypopharyngeal carcinoma*. **Radiation oncology** 2020, 15:102. **München**

970. Singhal Mahak*, Augustin Hellmut*: *Beyond angiogenesis: Exploiting angiocrine factors to restrict tumor progression and metastasis*. **Cancer research** 2020, 80:659-662. **Heidelberg_(9.727)**
971. Singhal Mahak*, Gengenbacher Nicolas*, La Porta Silvia*, Gehrs Stephanie*, Shi Jingjing*, Kamiyama Miki*, Bodenmiller Diane M, Fischl Anthony, Schieb Benjamin*, Besemfelder Eva*, Chintharlapalli Sudhakar, Augustin Hellmut*: *Preclinical validation of a novel metastasis-inhibiting Tie1 function-blocking antibody*. **EMBO molecular medicine** 2020, 12:e11164. **Heidelberg_(8.821)**
972. Sinn Marianne, Sinn Bruno V, Treue Denise, Keilholz Ulrich, Damm Frederik, Schmuck Rosa Bianca, Lohneis Philipp, Klauschen Frederick, Striefler Jana K, Bahra Marcus, Bläker Hendrik, Bischoff Sven, Pelzer Uwe, Oettle Helmut, Riess Hanno, Budczies Jan*, Denkert Carsten: *TP53 mutations predict sensitivity to adjuvant gemcitabine in patients with pancreatic ductal adenocarcinoma: next-generation sequencing results from the CONKO-001 trial*. **Clinical cancer research** 2020, 26:3732-3739. **Berlin_(10.107)**
973. Sirait-Fischer Evelyn, Olesch Catherine, Fink Annika F, Berkefeld Matthias, Huard Arnaud, Schmid Tobias, Takeda Kazuhiko, Brüne Bernhard*, Weigert Andreas*: *Immune Checkpoint Blockade Improves Chemotherapy in the PyMT Mammary Carcinoma Mouse Model*. **Frontiers in oncology** 2020, 10:1771. **Frankfurt/Mainz**
974. Sirri Eunice, Kieschke Joachim, Vohmann Claudia, Katalinic Alexander, Nennecke Alice, Rensing Meike, Eberle Andrea, Holleczek Bernd, Jansen Lina*, Brenner Hermann*, Group GEKID Cancer Survival Working, Geiss Karla, Meyer Martin, Eberle Andrea, Luttmann Sabine, Stabenow Roland, Hentschel Stefan, Nennecke Alice, Kieschke Joachim, Sirri Eunice, Holleczek Bernd, Emrich Katharina, Kajüter Hiltraud, Mattauch Volkmar, Katalinic Alexander, Eisemann Nora, Kraywinkel Klaus, Jansen Lina*, Brenner Hermann*: *Survival of malignant mesothelioma and other rare thoracic cancers in Germany and the United States: A population-based study*. **International journal of cancer** 2020, 147:1548-1558. **Heidelberg_(5.145)**
975. Ślabicki Mikołaj*, Kozicka Zuzanna, Petzold Georg, Li Yen-Der, Manojkumar Manisha*, Bunker Richard D, Donovan Katherine A, Sievers Quinlan L, Koeppe Jonas*, Suchyta Dakota, Sperling Adam S, Fink Emma C, Gasser Jessica A, Wang Li R, Corsello Steven M, Sellar Rob S, Jan Max, Gillingham Dennis, Scholl Claudia*, Fröhling Stefan*, Golub Todd R, Fischer Eric S, Thomä Nicolas H, Ebert Benjamin L: *The CDK inhibitor CR8 acts as a molecular glue degrader that depletes cyclin K*. **Nature <London>** 2020, 585:293-297. **Heidelberg_(42.778)**
976. Ślabicki Mikołaj*, Yoon Hojong, Koeppe Jonas*, Nitsch Lena*, Roy Burman Shourya S, Di Genua Cristina, Donovan Katherine A, Sperling Adam S, Hunkeler Moritz, Tsai Jonathan M, Sharma Rohan, Guirguis Andrew, Zou Charles, Chudasama Priya*, Gasser Jessica A, Miller Peter G, Scholl Claudia*, Fröhling Stefan*, Nowak Radosław P, Fischer Eric S, Ebert Benjamin L: *Small-molecule-induced polymerization triggers degradation of BCL6*. **Nature <London>** 2020, 588:164-168. **Heidelberg_(42.778)**
977. Smith Victoria M., Dietz Anna, Henz Kristina, Bruecher Daniela, Jackson Ross, Kowald Lisa, van Wijk Sjoerd J. L., Jayne Sandrine, Macip Salvador, Fulda Simone*, Dyer Martin J. S., Vogler Meike: *Specific interactions of BCL-2 family proteins mediate sensitivity to BH3-mimetics in diffuse large B-cell lymphoma*. **Haematologica** 2020, 105:2150 - 2163. **Frankfurt/Mainz_(7.116)**
978. Sommerkamp Alexander*, Uhrig Sebastian*, Stichel Damian*, St-Onge Pascal, Sun Pengbo*, Jäger Natalie*, von Deimling Andreas*, Sahm Felix*, Pfister Stefan M*, Korshunov Andrey*,

- Sinnett Daniel, Jabado Nada, Wefers Annika K*, Jones David*: *An optimized workflow to improve reliability of detection of KIAA1549: BRAF fusions from RNA sequencing data*. **Acta neuropathologica** 2020, 140:237-239. **Heidelberg**_(14.256)
979. Sommerkamp Pia*, Altamura Sandro, Renders Simon*, Narr Andreas*, Ladel Luisa*, Zeisberger Petra*, Eiben Paula Leonie*, Fawaz Malak*, Rieger Michael A*, Cabezas-Wallscheid Nina*, Trumpp Andreas*: *Differential Alternative Polyadenylation Landscapes Mediate Hematopoietic Stem Cell Activation and Regulate Glutamine Metabolism*. **Cell stem cell** 2020, 26:722-738.e727. **Heidelberg**_(20.860)
980. Sondermann Wiebke, von Kalle Christof, Utikal Jochen S*, Schadendorf Dirk, Esser Stefan, Durani Benjamin, Durani Hendrike, Jansen Martin, Brinker Titus*: *[External scientific evaluation of the first teledermatology app without direct patient contact in Germany (Online Dermatologist-AppDoc)]*. **Der Hautarzt** 2020, 71:887-897. **Essen/Düsseldorf**
981. Soni Himanshu*, Bode Julia*, Nguyen Chi D L, Puccio Laura*, Neßling Michelle*, Piro Rosario M*, Bub Jonas*, Phillips Emma*, Ahrends Robert, Eipper Betty A, Tews Björn*, Goidts Violaine*: *PERK-mediated expression of peptidylglycine α -amidating monooxygenase supports angiogenesis in glioblastoma*. **Oncogenesis** 2020, 9:18. **Berlin**_(6.119)
982. Sörensen A., Carles M., Bunea H., Majerus L., Stoykow C., Nicolay N. H.*, Wiedenmann N. E., Vaupel P.*, Meyer Patrik*, Grosu A. L.*, Mix M.: *Textural features of hypoxia PET predict survival in head and neck cancer during chemoradiotherapy*. **European journal of nuclear medicine and molecular imaging** 2020, 47:1056-1064. **Freiburg**_(7.081)
983. Spassova Ivelina, Ugurel Selma, Terheyden Patrick, Sucker Antje, Hassel Jessica C, Ritter Cathrin*, Kubat Linda, Habermann Daniel, Farahpour Farnoush, Saeedghalati Mohammadkarim, Peiffer Lukas*, Kumar Rajiv*, Schrama David, Hoffmann Daniel, Schadendorf Dirk, Becker Jürgen*: *Predominance of central memory T cells with high T-cell receptor repertoire diversity is associated with response to PD-1/PD-L1 inhibition in Merkel cell carcinoma*. **Clinical cancer research** 2020, 26:2257-2267. **Essen/Düsseldorf**_(10.107)
984. Spohn Simon*, Jaegle Chiara*, Fassbender Thomas F, Sprave Tanja, Gkika Eleni*, Nicolay Nils*, Bock Michael, Ruf Juri, Benndorf Matthias, Gratzke Christian, Grosu Anca L*, Zamboglou Constantinos*: *Intraindividual comparison between 68Ga-PSMA-PET/CT and mpMRI for intraprostatic tumor delineation in patients with primary prostate cancer: a retrospective analysis in 101 patients*. **European journal of nuclear medicine and molecular imaging** 2020, 47:2796-2803. **Freiburg**_(7.081)
985. Spohn Simon K. B. *, Kramer Maria, Kiefer Selina, Bronsert Peter, Sigle August, Schultze-Seemann Wolfgang, Jilg Cordula A., Sprave Tanja*, Ceci Lara, Fassbender Thomas F., Nicolay Nils H. *, Ruf Juri, Grosu Anca L. *, Zamboglou Constantinos*: *Comparison of Manual and Semi-Automatic [18F]PSMA-1007 PET Based Contouring Techniques for Intraprostatic Tumor Delineation in Patients With Primary Prostate Cancer and Validation With Histopathology as Standard of Reference*. **Frontiers in oncology** 2020, 10:600690. **Freiburg**
986. Sprang Maximilian, Paret Claudia*, Faber Joerg*: *CpG-Islands as Markers for Liquid Biopsies of Cancer Patients*. **Cells** 2020, 9:1820. **Frankfurt/Main**
987. Sprave Tanja*, Grabbert Markus, Gratzke Christian, Ruf Juri, Bamberg Fabian, Grosu Anca-L. *: *Das oligometastasierte Prostatakarzinom: lokale Therapie* **Oligometastatic prostate cancer: local treatment**. **Der Onkologe** 2020, 26: 782-799. **Freiburg**

988. Sprave Tanja*, Nicolay Nils Henrik*, Grosu Anca-Ligia*, Lindenmeier Jörg, Tschulin Dieter K.: *Die Einführung eines permanenten Erhebungssystems zur Messung der Lebensqualität von HNO-Patienten an der Klinik für Strahlentherapie am Universitätsklinikum Freiburg: Implementierungsbericht. Gesundheitsökonomie & Qualitätsmanagement* 2020, 25:195 - 200. **Freiburg**
989. Sprave Tanja*, Rühle Alexander*, Hees Katharina, Kalckreuth Tobias*, Verma Vivek, Stoian Raluca, Zamboglou Constantinos*, Pfeiffer Jens, Laszig Roland, Knopf Andreas, Grosu Anca-Ligia*, Nicolay Nils*: *Radiotherapeutic management of cervical lymph node metastases from an unknown primary site - experiences from a large cohort treated with modern radiation techniques. Radiation oncology* 2020, 15:80. **Freiburg**
990. Sprave Tanja*, Rühle Alexander*, Stoian Raluca*, Weber Alina*, Zamboglou Constantinos*, Nieder Carsten, Grosu Anca-Ligia*, Nicolay Nils*: *Radiotherapy for nonagenarians: the value of biological versus chronological age. Radiation oncology* 2020, 15:113. **Freiburg**
991. Sprave Tanja*, Zamboglou Constantinos*, Verma Vivek, Nicolay Nils*, Grosu Anca-Ligia*, Lindenmeier Jörg, Tschulin Dieter K.: *Characterization of health-related quality of life based on the EQ-5D-5L questionnaire in head-and-neck cancer patients undergoing modern radiotherapy. Expert review of pharmacoeconomics and outcomes research* 2020, 20:673-682. **Freiburg**
992. Sprave Tanja*, Zöller Daniela, Stoian Raluca*, Rühle Alexander*, Kalckreuth Tobias*, Haehl Erik*, Fahrner Harald, Binder Harald, Grosu Anca-Ligia*, Heinemann Felix*, Nicolay Nils Henrik*: *App-Controlled Treatment Monitoring and Support for Head and Neck Cancer Patients (APCOT): Protocol for a Prospective Randomized Controlled Trial. JMIR Research Protocols* 2020, 9:e21693. **Freiburg**
993. Sreeramulu Sridhar, Richter Christian, Kuehn Till, Azzaoui Kamal, Blommers Marcel Jules José, Del Conte Rebecca, Fragai Marco, Trieloff Nils, Schmieder Peter, Nazaré Marc, Specker Edgar, Ivanov Vladimir, Oschkinat Hartmut, Banci Lucia, Schwalbe Harald*: *NMR quality control of fragment libraries for screening. Journal of biomolecular NMR* 2020, 74:555-563. **Frankfurt/Mainz**
994. Srivastava Aayushi*, Giangioffe Sara*, Kumar Abhishek*, Paramasivam Nagarajan*, Dymerska Dagmara, Behnisch Wolfgang, Witzens-Harig Mathias, Lubinski Jan, Hemminki Kari*, Försti Asta*, Bandapalli Obul Reddy*: *Identification of Familial Hodgkin Lymphoma Predisposing Genes Using Whole Genome Sequencing. Frontiers in Bioengineering and Biotechnology* 2020, 8:179. **Heidelberg**
995. Srivastava Aayushi*, Miao Beiping*, Skopelidou Diamanto*, Kumar Varun, Kumar Abhishek*, Paramasivam Nagarajan, Bonora Elena, Hemminki Kari*, Försti Asta*, Bandapalli Obul Reddy*: *A Germline Mutation in the POT1 Gene Is a Candidate for Familial Non-Medullary Thyroid Cancer. Cancers* 2020, 12:1441. **Heidelberg_(6.126)**
996. Stahler Arndt, Heinemann Volker*, Ricard Ingrid, von Einem Jobst C, Giessen-Jung Clemens, Westphalen Christoph Benedikt, Michl Marlies, Heinrich Kathrin, Miller-Phillips Lisa, Jelas Ivan, Stintzing Sebastian, Modest Dominik Paul: *Current treatment options in RAS mutant metastatic colorectal cancer patients: a meta-analysis of 14 randomized phase III trials. Journal of cancer research and clinical oncology* 2020, 146:2077 - 2087. **München**
997. Stahler Arndt, Stintzing Sebastian*, Modest Dominik P*, Ricard Ingrid, Giessen-Jung Clemens, Kapaun Christine, Ivanova Boryana, Kaiser Florian, Fischer von Weikersthal Ludwig, Moosmann Nicolas, Schalhorn Andreas, Stauch Martina, Kiani Alexander, Held Swantje, Decker Thomas,

- Moehler Markus, Neumann Jens*, Kirchner Thomas*, Jung Andreas*, Heinemann Volker*: *Amphiregulin Expression Is a Predictive Biomarker for EGFR Inhibition in Metastatic Colorectal Cancer: Combined Analysis of Three Randomized Trials*. **Clinical cancer research** 2020, 26:6559 - 6567. **Berlin, München**_(10.107)
998. Stahler Arndt, Stintzing Sebastian*, von Einem Jobst C, Westphalen Christoph B, Heinrich Kathrin, Krämer Nicole, Michl Marlies, Modest Dominik P*, von Weikersthal Ludwig Fischer, Decker Thomas, Kiani Alexander, Heintges Tobias, Kahl Christoph, Kullmann Frank, Scheithauer Werner, Moehler Markus, Kaiser Florian, Kirchner Thomas*, Jung Andreas*, Heinemann Volker*: *Single-nucleotide variants, tumour mutational burden and microsatellite instability in patients with metastatic colorectal cancer: Next-generation sequencing results of the FIRE-3 trial*. **European journal of cancer** 2020, 137:250 - 259. **Berlin, München**_(7.275)
999. Stang Andreas, Wellmann Ina, Kajüter Hiltraud, Trocchi Pietro, Becker Jürgen C*, Green Adele C, Jöckel Karl-Heinz, Khil Laura: *Differences in site-specific incidence and relative survival of cutaneous and mucocutaneous genital squamous cell carcinoma in Germany, 2007-2015*. **International journal of cancer** 2020, 147:2772-2779. **Essen/Düsseldorf**_(5.145)
1000. Stangl Christina, de Blank Sam, Renkens Ivo, Westera Liset, Verbeek Tamara, Valle-Inclan Jose Espejo, González Rocio Chamorro, Henssen Anton G*, van Roosmalen Markus J, Stam Ronald W, Voest Emile E, Kloosterman Wigard P, van Haaften Gijs, Monroe Glen R: *Partner independent fusion gene detection by multiplexed CRISPR-Cas9 enrichment and long read nanopore sequencing*. **Nature Communications** 2020, 11:2861. **Berlin**_(12.121)
1001. Starke Sebastian*, Leger Stefan*, Zwanenburg-Bezemer Alexander Adriaan*, Leger Karoline*, Lohaus Fabian*, Linge Annett*, Schreiber Andreas, Kalinauskaitė Goda*, Tinhofer Inge*, Guberina Nika*, Guberina Maja*, Balermipas Panagiotis*, von der Grün Jens*, Ganswindt Ute*, Belka Claus*, Peeken Jan C*, Combs Stephanie E*, Boeke Simon*, Zips Daniel*, Richter Christian*, Troost Esther*, Krause Mechthild*, Baumann Michael*, Löck Steffen*: *2D and 3D convolutional neural networks for outcome modelling of locally advanced head and neck squamous cell carcinoma*. **Scientific reports** 2020, 10:15625. **Dresden, Frankfurt/Mainz, München, Essen/Düsseldorf, Berlin, Tübingen**
1002. Stegen Benjamin*, Nieto Alexander, Albrecht Valerie, Maas Jessica, Orth Michael*, Neumaier Klement, Reinhardt Sabine, Weick-Kleemann Moritz, Goetz Wilfried, Reinhart Merle, Parodi Katia, Belka Claus*, Niyazi Maximilian*, Lauber Kirsten*: *Contrast-enhanced, conebeam CT-based, fractionated radiotherapy and follow-up monitoring of orthotopic mouse glioblastoma: a proof-of-concept study*. **Radiation oncology** 2020, 15:19. **München**
1003. Steiger Katja*, Gross Nina, Widholz Sebastian A, Rad Roland*, Weichert Wilko*, Mogler Carolin: *Genetically Engineered Mouse Models of Liver Tumorigenesis Reveal a Wide Histological Spectrum of Neoplastic and Non-Neoplastic Liver Lesions*. **Cancers** 2020, 12:2265 -. **München**_(6.126)
1004. Steinestel Konrad, Trautmann Marcel, Jansen Esther-Pia, Dirksen Uta, Rehkämper Jan, Mikesch Jan-Henrik, Gerke Julia S, Orth Martin F, Sannino Giuseppina, Arteaga Maria-Francisca, Rossig Claudia, Wardelmann Eva, Grünwald Thomas G P*, Hartmann Wolfgang: *Focal adhesion kinase confers pro-migratory and anti-apoptotic properties and is a potential therapeutic target in Ewing sarcoma*. **Molecular oncology** 2020, 14:248-260. **München**_(6.574)
1005. Steinhäuser Sophie Sarah, Morera Erika, Budkova Zuzana, Schepsky Alexander, Wang Qiong, Rolfsson Ottar, Riedel Angela*, Krueger Aileen*, Hilmarsdóttir Bylgja, Maelandsmo Gunhild

- Mari, Valdimarsdottir Bryndis, Sigurdardottir Anna Karen, Agnarsson Bjarni Agnar, Jonasson Jon Gunnlaugur, Ingthorsson Saevar, Traustadottir Gunnhildur Asta, Oskarsson Thordur*, Gudjonsson Thorarinn: *ECM1 secreted by HER2-overexpressing breast cancer cells promotes formation of a vascular niche accelerating cancer cell migration and invasion*. **Laboratory investigation** 2020, 100:928-944. **Heidelberg**
1006. Stenger Wiebke, Künkele Annette*, Niemann Matthias, Todorova Kremena, Pruß Axel, Schulte Johannes*, Eggert Angelika*, Oevermann Lena*: *Donor selection in a pediatric stem cell transplantation cohort using PIRCHE and HLA-DPB1 typing*. **Pediatric blood & cancer** 2020, 67:e28127. **Berlin**
1007. Stenzinger Albrecht, Endris Volker, Budczies Jan, Merkelbach-Bruse Sabine, Kazdal Daniel, Dietmaier Wolfgang, Pfarr Nicole, Siebolts Udo, Hummel Michael, Herold Sylvia, Andreas Johanna, Zoche Martin, Tögel Lars, Rempel Eugen, Maas Jörg, Merino Diana, Stewart Mark, Zaoui Karim, Schlesner Matthias*, Glimm Hanno*, Fröhling Stefan*, Allen Jeff, Horst David, Baretton Gustavo, Wickenhauser Claudia, Tiemann Markus, Evert Matthias, Moch Holger, Kirchner Thomas, Büttner Reinhard, Schirmacher Peter, Jung Andreas, Haller Florian, Weichert Wilko, Dietel Manfred: *Harmonization and Standardization of Panel-Based Tumor Mutational Burden (TMB) Measurement: Real-World Results and Recommendations of the QuIP Study*. **Journal of thoracic oncology** 2020, 15:1177-1189. **Dresden_(13.357)**
1008. Stief Sophie M*, Hanneforth Anna-Li, Weser Sabrina, Mattes Raphael, Carlet Michela, Liu Luwen, Bartoschek Michael D, Domínguez Moreno Helena, Oettle Matthias, Kempf Julia, Vick Binje*, Ksienzyk Biana, Tizazu Belay, Rothenberg-Thurley Maja, Quentmeier Hilmar, Hiddemann Wolfgang, Vosberg Sebastian*, Greif Philipp*, Metzeler Klaus H, Schotta Gunnar, Bultmann Sebastian, Jeremias Irmela, Leonhardt Heinrich, Spiekermann Karsten*: *Loss of KDM6A confers drug resistance in acute myeloid leukemia*. **Leukemia** 2020, 34:50-62. **München_(8.665)**
1009. Stockhammer Paul, Ho Cassandra Su Lyn, Hegedus Luca, Lotz Gabor, Molnár Eszter, Bankfalvi Agnes, Herold Thomas, Kalbourtzis Stavros, Ploenes Till, Eberhardt Wilfried E E, Schuler Martin*, Aigner Clemens*, Schramm Alexander*, Hegedus Balazs*: *HDAC inhibition synergizes with ALK inhibitors to overcome resistance in a novel ALK mutated lung adenocarcinoma model*. **Lung cancer** 2020, 144:20 - 29. **Essen/Düsseldorf**
1010. Stockhammer Paul, Ploenes Till, Theegarten Dirk, Schuler Martin*, Maier Sandra, Aigner Clemens, Hegedus Balazs*: *Detection of TGF- β in pleural effusions for diagnosis and prognostic stratification of malignant pleural mesothelioma*. **Lung cancer** 2020, 139:124 - 132. **Essen/Düsseldorf**
1011. Stoecklein Veit M*, Stoecklein Sophia, Galiè Franziska, Ren Jianxun, Schmutzer Michael, Unterrainer Marcus, Albert Nathalie L, Kreth Friedrich-W, Thon Niklas*, Liebig Thomas, Ertl-Wagner Birgit, Tonn Joerg-C*, Liu Hesheng: *Resting-state fMRI Detects Alterations in Whole Brain Connectivity Related to Tumor Biology in Glioma Patients*. **Neuro-Oncology** 2020, 22:1388-1398. **München_(10.247)**
1012. Strack Christian*, Seifert Robert, Kleesiek Jens*: *[Artificial intelligence in hybrid imaging]*. **Der Radiologe** 2020, 60:405-412. **Heidelberg**
1013. Strack Elisabeth, Rolfe P Alexander, Fink Annika F, Bankov Katrin, Schmid Tobias, Solbach Christine, Savai Rajkumar, Sha Weixiao, Pradel Leon, Hartmann Sylvia, Brüne Bernhard*, Weigert Andreas: *Identification of tumor-associated macrophage subsets that are associated*

with breast cancer prognosis. **Clinical and translational medicine** 2020, 10:e239.
Frankfurt/Mainz_(7.919)

1014. Straub Sina*, Laun Frederik B*, Freitag Martin T*, Kölsche Christian*, von Deimling Andreas*, Denoix Michael*, Bendszus Martin, Schlemmer Heinz-Peter*, Ladd Mark E*, Schneider Till*: *Assessment of Melanin Content and its Influence on Susceptibility Contrast in Melanoma Metastases*. **Clinical neuroradiology** 2020, 30:607-614. **Heidelberg**
1015. Straube Christoph*, Kessel Kerstin A, Antoni Stefanie, Gempt Jens, Meyer Bernhard, Schlegel Juergen, Schmidt-Graf Friederike, Combs Stephanie E*: *A balanced score to predict survival of elderly patients newly diagnosed with glioblastoma*. **Radiation oncology** 2020, 15:97. **München**
1016. Striefler Jana Käthe, Brandes Franziska, Baur Alexander, Pfitzner Berit Maria, Kaul David, Rau Daniel, Dörr Anne, Schmiester Maren, Koulaxouzidis Georgios, Bullinger Lars*, Märdian Sven, Flörcken Anne: *Combination therapy with Olaratumab/doxorubicin in advanced or metastatic soft tissue sarcoma -a single-Centre experience*. **BMC cancer** 2020, 20:68. **Berlin**
1017. Such Lina, Zhao Fang, Liu Derek, Thier Beatrice, Le-Trilling Vu Thuy Khanh, Sucker Antje, Coch Christoph, Pieper Natalia, Howe Sebastian, Bhat Hilal, Kalkavan Halime, Ritter Cathrin*, Brinkhaus Robin, Ugurel Selma, Köster Johannes, Seifert Ulrike, Dittmer Ulf, Schuler Martin, Lang Karl S., Kufer Thomas A., Hartmann Gunther, Becker Jürgen C.*, Horn Susanne, Ferrone Soldano, Liu David, Van Allen Eliezer M., Schadendorf Dirk*, Griewank Klaus, Trilling Mirko, Paschen Annette: *Targeting the innate immunoreceptor RIG-I overcomes melanoma-intrinsic resistance to T cell immunotherapy*. **The journal of clinical investigation** 2020, 130:4266-4281.
Essen/Düsseldorf_(11.864)
1018. Suckert Theresa*, Müller Johannes, Beyreuther Elke, Azadegan Behnam, Brüggemann Anja, Bütof Rebecca*, Dietrich Antje, Gotz Malte, Haase Robert, Schürer Michael*, Tillner Falk, von Neubeck Cläre*, Krause Mechthild*, Lühr Armin*: *High-precision image-guided proton irradiation of mouse brain sub-volumes*. **Radiotherapy and oncology** 2020, 146:205 - 212.
Dresden
1019. Suckert Theresa*, Rassamegevanon Treewut*, Müller Johannes, Dietrich Antje*, Graja Antonia*, Reiche Michael*, Löck Steffen*, Krause Mechthild*, Beyreuther Elke, von Neubeck Cläre*: *Applying Tissue Slice Culture in Cancer Research-Insights from Preclinical Proton Radiotherapy*. **Cancers** 2020, 12:1589. **Dresden_(6.126)**
1020. Susanto Evelyn, Marin Navarro Ana, Zhou Leilei, Sundström Anders, van Bree Niek, Stantic Marina, Moslem Mohsen, Tailor Jignesh, Rietdijk Jonne, Zubillaga Veronica, Hübner Jens-Martin*, Weishaupt Holger, Wolfsberger Johanna, Alafuzoff Irina, Nordgren Ann, Magnaldo Thierry, Siesjö Peter, Johnsen John Inge, Kool Marcel*, Tammimies Kristiina, Darabi Anna, Swartling Fredrik J, Falk Anna, Wilhelm Margareta: *Modeling SHH-driven medulloblastoma with patient iPS cell-derived neural stem cells*. **Proceedings of the National Academy of Sciences of the United States of America** 2020, 117:20127-20138. **Heidelberg_(9.412)**
1021. Swartz Harold M, Flood Ann Barry, Schaner Philip E, Halpern Howard, Williams Benjamin B, Pogue Brian W, Gallez Bernard, Vaupel Peter*: *How best to interpret measures of levels of oxygen in tissues to make them effective clinical tools for care of patients with cancer and other oxygen-dependent pathologies*. **Physiological reports** 2020, 8:e14541. **Freiburg**
1022. Syed Shahzad Nawaz, Brüne Bernhard*: *MicroRNAs as Emerging Regulators of Signaling in the Tumor Microenvironment*. **Cancers** 2020, 12:911 -. **Frankfurt/Mainz_(6.126)**

1023. Syed Shahzad Nawaz, Weigert Andreas, Brüne Bernhard*: *Sphingosine Kinases are Involved in Macrophage NLRP3 Inflammasome Transcriptional Induction*. **International journal of molecular sciences** 2020, 21:4733. **Frankfurt/Mainz**
1024. Szymonowicz Klaudia, Krysztofiak Adam, Linden Jansje van der, Kern Ajvar, Deycmar Simon, Oeck Sebastian, Squire Anthony, Koska Benjamin, Hlouschek Julian, Vüllings Melanie, Neander Christian*, Siveke Jens T*, Matschke Johann, Pruschy Martin, Timmermann Beate*, Jendrossek Verena: *Proton Irradiation Increases the Necessity for Homologous Recombination Repair Along with the Indispensability of Non-Homologous End Joining*. **Cells** 2020, 9:889 **Essen/Düsseldorf**
1025. Tachibana Tomoyoshi, Kasajima Atsuko*, Aoki Takeshi, Tabata Tomoaki, McNamara Keely, Yazdani Samaneh, Satoko Sato, Fujishima Fumiyoshi, Motoi Fuyuhiko, Unno Michiaki, Sasano Hironobu: *Progesteron receptor expression in insulin producing cells of neuroendocrine neoplasms*. **The journal of steroid biochemistry and molecular biology** 2020, 201:105694 -. **München**
1026. Talla Suranand Babu, Rempel Eugen*, Endris Volker, Jenzer Maximilian, Allgäuer Michael, Schwab Constantin, Kazdal Daniel, Stögbauer Fabian, Volckmar Anna-Lena, Kocsmar Ildiko, Neumann Olaf, Schirmacher Peter*, Zschäbitz Stefanie, Duensing Stefan, Budczies Jan*, Stenzinger Albrecht*, Kirchner Martina*: *Immuno-oncology gene expression profiling of FFPE clear cell renal cell carcinoma: Performance comparison of the NanoString nCounter technology with targeted RNA sequencing*. **Genes, chromosomes & cancer** 2020, 59:406-416. **Heidelberg**
1027. Tamborero David, Dienstmann Rodrigo, Rachid Maan Haj, Boekel Jorrit, Baird Richard, Braña Irene, De Petris Luigi, Yachnin Jeffrey, Massard Christophe, Opdam Frans L, Schlenk Richard*, Vernieri Claudio, Garralda Elena, Masucci Michele, Villalobos Xenia, Chavarria Elena, consortium Cancer Core Europe, Calvo Fabien, Fröhling Stefan*, Eggermont Alexander, Apolone Giovanni, Voest Emile E, Caldas Carlos, Tabernero Josep, Ernberg Ingemar, Rodon Jordi, Lehtiö Janne, Anand Shubha, Azaro Analía, Baars Danny, Bajalica-Lagercrantz Svetlana, Balmaña Judith, Bergh Jonas, Bierkens Mariska, Blomqvist Lennart, Doherty Gary J, Forest Arnould, Fornerone Valentina, Funingana Ionut Gabriel, Gabaldi Paola, Hartman Johan, Horak Peter, Karlsson Claes, Kasanicki Mary, Kreutzfeldt Simon, Lewensohn Rolf, Lindberg Johan, Lopez Carlos, Lundqvist Andreas, Martin-Romano Patricia, Martin Jose-Ezequiel, Meijer Gerrit, Muñoz Susana, Camus Maud Ngo, Nicotra Claudio, Nuciforo Paolo, Oberrauch Petra, Östling Päivi, Piris-Giménez Alejandro, Provenzano Elena, Rouleau Etienne, Rowell John, Saavedra Omar, Valdivia Ignacio Sánchez, Scoazec Giovanni, Seamon Kenneth, Tischkowitz Marc, van der Kolk Lizet, van der Noll Ruud, Vis Daniel, Vivancos Ana, von Gertten Christina, Wennborg Anders, Wessels Lodewyk, Wirta Valtteri, Wolfart Julia: *Support systems to guide clinical decision-making in precision oncology: The Cancer Core Europe Molecular Tumor Board Portal*. **Nature medicine** 2020, 26:992-994. **Heidelberg_(36.130)**
1028. Tandler Claudia*, Schmidt Moritz*, Heitmann Jonas S*, Hierold Julia*, Schmidt Jonas*, Schneider Pascal, Dörfel Daniela*, Walz Juliane*, Salih Helmut*: *Neutralization of B-Cell Activating Factor (BAFF) by Belimumab Reinforces Small Molecule Inhibitor Treatment in Chronic Lymphocytic Leukemia*. **Cancers** 2020, 12:2725 -. **Tübingen_(6.126)**
1029. Tasdogan Alpaslan, Faubert Brandon, Ramesh Vijayashree, Ubellacker Jessalyn M, Shen Bo, Solmonson Ashley, Murphy Malea M, Gu Zhimin, Gu Wen, Martin Misty, Kasitinon Stacy Y, Vandergriff Travis, Mathews Thomas P, Zhao Zhiyu, Schadendorf Dirk*, DeBerardinis Ralph J, Morrison Sean J: *Metabolic heterogeneity confers differences in melanoma metastatic potential*. **Nature <London>** 2020, 577:115 - 120. **Essen/Düsseldorf_(42.778)**

1030. Taugner Julian, Eze Chukwuka, Käsmann Lukas*, Roengvoraphoj Olarn, Gennen Kathrin, Karin Monika, Petrukhnov Oleg, Tufman Amanda, Belka Claus*, Manapov Farkhad*: *Pattern-of-failure and salvage treatment analysis after chemoradiotherapy for inoperable stage III non-small cell lung cancer*. **Radiation oncology** 2020, 15:148. **München**
1031. Teck Anja Tatjana, Urban Sabrina, Quass Petra, Nelde Annika*, Schuster Heiko, Letsch Anne, Busse Antonia, Walz Juliane Sarah, Keilholz Ulrich, Ochsenreither Sebastian: *Cancer testis antigen Cyclin A1 harbors several HLA-A*02:01-restricted T cell epitopes, which are presented and recognized in vivo*. **Cancer immunology immunotherapy** 2020, 69:1217-1227. **Tübingen_(5.442)**
1032. Terraneo Nastassja, Jacob Francis, Dubrovskaja Anna*, Grünberg Jürgen: *Novel Therapeutic Strategies for Ovarian Cancer Stem Cells*. **Frontiers in oncology** 2020, 10:319. **Dresden**
1033. Terraneo Nastassja, Jacob Francis, Peitzsch Claudia*, Dubrovskaja Anna*, Krudewig Christiane, Huang Yen-Lin, Heinzlmann-Schwarz Viola, Schibli Roger, Béhé Martin, Grünberg Jürgen: *L1 Cell Adhesion Molecule Confers Radioresistance to Ovarian Cancer and Defines a New Cancer Stem Cell Population*. **Cancers** 2020, 12:217. **Dresden_(6.126)**
1034. Tesfai Agazi Samuel, Fischer Johannes, Özen Ali Caglar*, Eppenberger Patrick, Oehrstroem Lena, Rühli Frank, Ludwig Ute, Bock Michael: *Multi-parameter Analytical Method for B1 and SNR Analysis (MAMBA): An open source RF coil design tool*. **Journal of magnetic resonance** 2020, 319:106825 **Freiburg**
1035. Theruvath Johanna, Sotillo Elena, Mount Christopher W, Graef Claus Moritz, Delaidelli Alberto, Heitzeneder Sabine, Labanieh Louai, Dhingra Shaurya, Leruste Amaury, Majzner Robbie G, Xu Peng, Mueller Sabine, Yecies Derek W, Finetti Martina A, Williamson Daniel, Johann Pascal D*, Kool Marcel*, Pfister Stefan*, Hasselblatt Martin, Frühwald Michael C, Delattre Olivier, Surdez Didier, Bourdeaut Franck, Puget Stephanie, Zaidi Sakina, Mitra Siddhartha S, Cheshier Samuel, Sorensen Poul H, Monje Michelle, Mackall Crystal L: *Locoregionally administered B7-H3-targeted CAR T cells for treatment of atypical teratoid/rhabdoid tumors*. **Nature medicine** 2020, 26:712-719. **Heidelberg_(36.130)**
1036. Thole Theresa, Toedling Joern, Sprüssel Annika, Pfeil Sebastian, Savelyeva Larissa*, Capper David, Messerschmidt Clemens, Beule Dieter, Groeneveld-Krentz Stefanie, Eckert Cornelia, Gambera Guido*, Henssen Anton G, Finkler Sabine, Schulte Johannes*, Sieber Anja, Bluethgen Nils, Regenbrecht Christian R A, Künkele Annette, Lodrini Marco, Eggert Angelika*, Deubzer Hedwig E*: *Reflection of neuroblastoma intratumor heterogeneity in the new OHC-NB1 disease model*. **International journal of cancer** 2020, 146:1031-1041. **Berlin_(5.145)**
1037. Thomas Christian, Wefers Annika*, Bens Susanne, Nemes Karolina, Agaimy Abbas, Oyen Florian, Vogelgesang Silke, Rodriguez Fausto J, Brett Francesca M, McLendon Roger, Bodi Istvan, Burel-Vandenbos Fanny, Keyvani Kathy, Tippelt Stefan, Poulsen Frantz R, Lipp Eric S, Giannini Caterina, Reifenberger Guido*, Kuchelmeister Klaus, Pietsch Torsten, Kordes Uwe, Siebert Reiner, Frühwald Michael C, Johann Pascal D*, Sill Martin*, Kool Marcel*, von Deimling Andreas*, Paulus Werner, Hasselblatt Martin: *Desmoplastic myxoid tumor, SMARCB1-mutant: clinical, histopathological and molecular characterization of a pineal region tumor encountered in adolescents and adults*. **Acta neuropathologica** 2020, 139:277-286. **Essen/Düsseldorf_(14.256)**
1038. Thomas Elisa*, Krause Mechthild*: *A new prognostic hypoxia biomarker consisting of imaging and gene-based data*. **EBioMedicine** 2020, 58:102901 **Dresden_(5.736)**
1039. Thomas Heike, Timmermann Beate*: *Paediatric proton therapy*. **BJR** 2020, 93:20190601 -.

Essen/Düsseldorf

1040. Thomas Minta, Sakoda Lori C, Hoffmeister Michael*, Rosenthal Elisabeth A, Lee Jeffrey K, van Duijnhoven Franzel J B, Platz Elizabeth A, Wu Anna H, Dampier Christopher H, de la Chapelle Albert, Wolk Alicja, Joshi Amit D, Burnett-Hartman Andrea, Gsur Andrea, Lindblom Annika, Castells Antoni, Win Aung Ko, Namjou Bahram, Van Guelpen Bethany, Tangen Catherine M, He Qianchuan, Li Christopher I, Schafmayer Clemens, Joshu Corinne E, Ulrich Cornelia M, Bishop D Timothy, Buchanan Daniel D, Schaid Daniel, Drew David A, Muller David C, Duggan David, Crosslin David R, Albanes Demetrius, Giovannucci Edward L, Larson Eric, Qu Flora, Mentch Frank, Giles Graham G, Hakonarson Hakon, Hampel Heather, Stanaway Ian B, Figueiredo Jane C, Huyghe Jeroen R, Minnier Jessica, Chang-Claude Jenny*, Hampe Jochen, Harley John B, Visvanathan Kala, Curtis Keith R, Offit Kenneth, Li Li, Le Marchand Loic, Vodickova Ludmila, Gunter Marc J, Jenkins Mark A, Slattey Martha L, Lemire Mathieu, Woods Michael O, Song Mingyang, Murphy Neil, Lindor Noralane M, Dikilitas Ozan, Pharoah Paul D P, Campbell Peter T, Newcomb Polly A, Milne Roger L, MacInnis Robert J, Castellví-Bel Sergi, Ogino Shuji, Berndt Sonja I, Bézieau Stéphane, Thibodeau Stephen N, Gallinger Steven J, Zaidi Syed H, Harrison Tabitha A, Keku Temitope O, Hudson Thomas J, Vymetalkova Veronika, Moreno Victor, Martín Vicente, Arndt Volker*, Wei Wei-Qi, Chung Wendy, Su Yu-Ru, Hayes Richard B, White Emily, Vodicka Pavel, Casey Graham, Gruber Stephen B, Schoen Robert E, Chan Andrew T, Potter John D, Brenner Hermann*, Jarvik Gail P, Corley Douglas A, Peters Ulrike, Hsu Li: *Genome-wide Modeling of Polygenic Risk Score in Colorectal Cancer Risk*. **The American journal of human genetics** 2020, 107:432-444. **Heidelberg**_(10.502)
1041. Thomsen Andreas R*, Vaupel Peter*, Grosu Anca-Ligia*, Notter Markus: *Hyperthermia Plus Re-Irradiation in the Management of Unresectable Locoregional Recurrence of Breast Cancer in Previously Irradiated Sites*. **Journal of clinical oncology** 2020, 38:3576-3577. **Freiburg**_(32.956)
1042. Thomsen Hauke*, Li Xinjun, Sundquist Kristina, Sundquist Jan, Försti Asta*, Hemminki Kari*: *Familial associations between autoimmune hepatitis and primary biliary cholangitis and other autoimmune diseases*. **PLOS ONE** 2020, 15:e0240794 -. **Heidelberg**
1043. Thomsen Hauke*, Li Xinjun, Sundquist Kristina, Sundquist Jan, Försti Asta*, Hemminki Kari*: *Familial risks between giant cell arteritis and Takayasu arteritis and other autoimmune diseases in the population of Sweden*. **Scientific reports** 2020, 10:20887. **Heidelberg**
1044. Thong Melissa*, Jansen Lina*, Chang-Claude Jenny*, Hoffmeister Michael*, Brenner Hermann*, Arndt Volker*: *Association of laparoscopic colectomy versus open colectomy on the long-term health-related quality of life of colon cancer survivors*. **Surgical endoscopy and other interventional techniques** 2020, 34:5593-5603. **Heidelberg**
1045. Thurner Lorenz, Hartmann Sylvia, Fadle Natalie, Regitz Evi, Kemele Maria, Kim Yoo-Jin, Bohle Rainer Maria, Nimmesgern Anna, von Müller Lutz, Kempf Volkhard A J, Weniger Marc A*, Neumann Frank, Schneider Nadine, Vornanen Martine, Sundström Christer, de Leval Laurence, Engert Andreas, Eichenauer Dennis A, Küppers Ralf*, Preuss Klaus-Dieter, Hansmann Martin-Leo, Pfreundschuh Michael: *Lymphocyte predominant cells detect Moraxella catarrhalis-derived antigens in nodular lymphocyte-predominant Hodgkin lymphoma*. **Nature Communications** 2020, 11:2465. **Essen/Düsseldorf**_(12.121)
1046. Thurner Lorenz, Hartmann Sylvia, Neumann Frank, Hoth Markus, Stilgenbauer Stephan, Küppers Ralf*, Preuss Klaus-Dieter, Beward Moritz: *Role of Specific B-Cell Receptor Antigens in Lymphomagenesis*. **Frontiers in oncology** 2020, 10:604685. **Essen/Düsseldorf**

1047. Tian Liheng, Landry Guillaume, Dedes George, Pinto Marco, Kamp Florian, Belka Claus*, Parodi Katia: *A new treatment planning approach accounting for prompt gamma range verification and interfractional anatomical changes*. **Physics in medicine and biology** 2020, 65:095005 **München**
1048. Tian Yu*, Kharazmi Elham*, Brenner Hermann*, Xu Xing*, Sundquist Kristina, Sundquist Jan, Fallah Mahdi*: *Calculating Starting Age for Screening in Relatives of Patients With Colorectal Cancer Based on Data From Large Nationwide Datasets*. **Gastroenterology** 2020, 159:159-168.e153. **Heidelberg_(17.373)**
1049. Timme Natalie, Han Youjia, Liu Shuai, Yosief Hailemichael O, García Heathcliff Dorado, Bei Yi, Klironomos Filippas, MacArthur Ian C, Szymansky Annabell, von Stebut Jennifer, Bardinnet Victor, Dohna Constantin, Künkele Annette, Rolff Jana, Hundsdoerfer Patrick, Lissat Andrej, Seifert Georg, Eggert Angelika, Schulte Johannes, Zhang Xuanwei, Henssen Anton G*: *Small-Molecule Dual PLK1 and BRD4 Inhibitors are Active Against Preclinical Models of Pediatric Solid Tumors*. **Translational oncology** 2020, 13:221 - 232. **Berlin**
1050. Tiofack Arnol T Z, Simo Gustave, Ofon Elvis, Dina-Bell Esther, Kamla Chancelin M, Ananga Sidonie N, Roger Tchamfong, Nana Theophile N, Ngeufack Charlotte T, Fewou Adamou, Takongmo Samuel, Lueong Smiths*: *The TP63 Gene Polymorphism rs17506395 is Associated with Early Breast Cancer in Cameroon*. **Asian Pacific journal of cancer prevention** 2020, 21:2199 - 2208. **Essen/Düsseldorf**
1051. Tiwari Aadhya*, Iida Mari, Kosnopfel Corinna, Abbariki Mahyar, Menegakis Apostolos*, Fehrenbacher Birgit, Maier Julia, Schaller Martin, Brucker Sara Y, Wheeler Deric L, Harari Paul M, Rothbauer Ulrich, Schittek Birgit, Zips Daniel*, Toulany Mahmoud*: *Blocking Y-Box Binding Protein-1 through Simultaneous Targeting of PI3K and MAPK in Triple Negative Breast Cancers*. **Cancers** 2020, 12:2795 **Tübingen_(6.126)**
1052. Tjaden Britta, Baum Katharina, Marquardt Viktoria*, Simon Mareike, Trajkovic-Arsic Marija*, Kouril Theresa, Siebers Bettina, Lisec Jan, Siveke Jens*, Schulte Johannes*, Benary Uwe, Remke Marc*, Wolf Jana, Schramm Alexander: *N-Myc-induced metabolic rewiring creates novel therapeutic vulnerabilities in neuroblastoma*. **Scientific reports** 2020, 10:7157. **Essen/Düsseldorf**
1053. Todoric Jelena, Di Caro Giuseppe, Reibe Saskia, Henstridge Darren C, Green Courtney R, Vrbnac Alison, Ceteci Fatih*, Conche Claire*, McNulty Reginald, Shalapur Shabnam, Taniguchi Koji, Meikle Peter J, Watrous Jeramie D, Moranchel Rafael, Najhawan Mahan, Jain Mohit, Liu Xiao, Kisseleva Tatiana, Diaz-Meco Maria T, Moscat Jorge, Knight Rob, Greten Florian R*, Lau Lester F, Metallo Christian M, Febbraio Mark A, Karin Michael: *Fructose stimulated de novo lipogenesis is promoted by inflammation*. **Nature metabolism** 2020, 2:1034-1045. **Frankfurt/Mainz**
1054. Toews Karin, Grunewald Laura, Schwiebert Silke, Klaus Anika, Winkler Annika, Ali Solin, Zirngibl Felix, Astrahantseff Kathy, Wagner Dimitrios L, Henssen Anton G, Deubzer Hedwig E*, Schulte Johannes*, Ochsenreither Sebastian*, Eggert Angelika*, Künkele Annette*: *Central memory phenotype drives success of checkpoint inhibition in combination with CAR T cells*. **Molecular carcinogenesis** 2020, 59:724-735. **Berlin**
1055. Tran Sebastien, Lim Pei S, Bojaxhiu Beat, Teske Carmen, Baust Katja, Zepter Stefan, Kliebsch Ulrike, Timmermann Beate*, Calaminus Gabriele, Weber Damien Charles: *Clinical outcomes and quality of life in children and adolescents with primary brain tumors treated with pencil beam scanning proton therapy*. **Pediatric blood & cancer** 2020, 67:e28465. **Essen/Düsseldorf**
1056. Traser Louisa, Burk Fabian, Özen Ali Caglar*, Burdumy Michael, Bock Michael, Blaser Daniela, Richter Bernhard, Echternach Matthias: *Respiratory kinematics and the regulation of subglottic*

- pressure for phonation of pitch jumps - a dynamic MRI study.* **PLOS ONE** 2020, 15:e0244539 -. **Freiburg**
1057. Triki Mouna, Rinaldi Gianmarco, Planque Melanie, Broekaert Dorien, Winkelkotte Alina M*, Maier Carina R, Janaki Raman Sudha, Vandekeere Anke, Van Elsen Joke, Orth Martin F, Grünewald Thomas G P*, Schulze Almut*, Fendt Sarah-Maria: *mTOR Signaling and SREBP Activity Increase FADS2 Expression and Can Activate Sapienate Biosynthesis.* **Cell reports** 2020, 31:107806. **München_(8.109)**
 1058. Troost Esther*: *Protonentherapie intrathorakaler Tumoren – aktueller Stand und Ausblick* Proton beam therapy for intrathoracic tumors—current status and future perspectives. **Best Practice Onkologie** 2020, 15:534 - 540. **Dresden**
 1059. Troost Esther*, Wink Krista C J, Roelofs Erik, Simone Charles B, Makocki Sebastian, Löck Steffen*, van Kollenburg Peter, Dechambre David, Minken Andre W H, van der Stoep Judith, Avery Stephen, Jansen Nicolas, Solberg Timothy, Bussink Johan, de Ruysscher Dirk: *Photons or protons for re-irradiation in (non-)small cell lung cancer? Results of the multicentric ROCOCO in silico study.* **The British journal of radiology** 2020, 93:20190879. **Dresden**
 1060. Tsvankin Vadim, Hashizume Rintaro, Katagi Hiroaki, Herndon James E, Lascola Christopher, Venkatraman Talaighair N, Picard Daniel*, Burrus Brainard, Becher Oren J, Thompson Eric M: *ABC Transporter Inhibition Plus Dexamethasone Enhances the Efficacy of Convection Enhanced Delivery in H3.3K27M Mutant Diffuse Intrinsic Pontine Glioma.* **Neurosurgery** 2020, 86:742-751. **Essen/Düsseldorf**
 1061. Tzaridis Theofilos, Reiners Katrin S, Weller Johannes, Bachurski Daniel, Schäfer Niklas, Schaub Christina, Hallek Michael, Scheffler Björn*, Glas Martin*, Herrlinger Ulrich, Wild Stefan, Coch Christoph, Hartmann Gunther: *Analysis of Serum miRNA in Glioblastoma Patients: CD44-Based Enrichment of Extracellular Vesicles Enhances Specificity for the Prognostic Signature.* **International journal of molecular sciences** 2020, 21:7211. **Essen/Düsseldorf**
 1062. Ugurel Selma*, Röhmel Joachim, Ascierto Paolo A, Becker Jürgen C*, Flaherty Keith T, Grob Jean J, Hauschild Axel, Larkin James, Livingstone Elisabeth*, Long Georgina V, Lorigan Paul, McArthur Grant A, Ribas Antoni, Robert Caroline, Zimmer Lisa*, Schadendorf Dirk*, Garbe Claus: *Survival of patients with advanced metastatic melanoma: The impact of MAP kinase pathway inhibition and immune checkpoint inhibition - Update 2019.* **European journal of cancer** 2020, 130:126 - 138. **Essen/Düsseldorf_(7.275)**
 1063. Ugurel S.*, Schadendorf D.*, Horny Kai*, Sucker A.*, Schramm S., Utikal Jochen*, Pföhler C., Herbst Friederike, Schilling B., Blank C., Becker J. C.*, Paschen A.*, Zimmer Philipp*, Livingstone E.*, Horn P. A., Rebmann V.: *Elevated baseline serum PD-1 or PD-L1 predicts poor outcome of PD-1 inhibition therapy in metastatic melanoma.* **Annals of oncology** 2020, 31:144 - 152. **Essen/Düsseldorf_(18.274)**
 1064. Uhl Franziska M, Chen Sophia, O'Sullivan David, Edwards-Hicks Joy, Richter Gesa, Haring Eileen, Andrieux Geoffroy*, Halbach Sebastian, Apostolova Petya, Büscher Jörg, Duquesne Sandra, Melchinger Wolfgang, Sauer Barbara, Shoumariyeh Khalid, Schmitt-Graeff Annette, Kreutz Marina, Lübbert Michael, Duyster Justus, Brummer Tilman*, Boerries Melanie*, Madl Tobias, Blazar Bruce R, Groß Olaf, Pearce Erika L, Zeiser Robert: *Metabolic reprogramming of donor T cells enhances graft-versus-leukemia effects in mice and humans.* **Science translational medicine** 2020, 12:eabb8969 -. **Freiburg_(16.304)**
 1065. Unger K., Fleischmann D. F., Ruf V., Felsberg J., Piehlmaier D., Samaga D., Hess J., Suresh M. P.,

- Mittelbronn M., Lauber K., Budach W., Sabel M., Rödel C., Reifenberger G., Herms J., Tonn J. C., Zitzelsberger H., Belka C., Niyazi M.: *Improved risk stratification in younger IDH wild-type glioblastoma patients by combining a 4-miRNA signature with MGMT promoter methylation status*. **Neurooncol Adv** 2020, 2:vdaa137. **Essen/Düsseldorf, München**
1066. Unsoeld Michaela, Lamprecht Ulf, Traub Frank, Hermes Barbara, Scharpf Marcus, Potkrajic Vlatko*, Zips Daniel, Paulsen Frank, Eckert Franziska*: *MR Thermometry Data Correlate with Pathological Response for Soft Tissue Sarcoma of the Lower Extremity in a Single Center Analysis of Prospectively Registered Patients*. **Cancers** 2020, 12:959 **Tübingen**_(6.126)
1067. Unterrainer M.*, Eze C., Ilhan H., Marschner S., Roengvoraphoj O., Schmidt-Hegemann N. S., Walter F., Kunz W. G., Rosenschöld P, Munck Af, Jeraj R., Albert N. L.*, Grosu A. L.*, Niyazi M.*, Bartenstein P.*, Belka C.*: *Recent advances of PET imaging in clinical radiation oncology*. **Radiation oncology** 2020, 15:88. **München, Freiburg**
1068. Unterrainer M.*, Fleischmann D. F.*, Vettermann F., Ruf V., Kaiser L., Nelwan D., Lindner S., Brendel M., Wenter V., Stöcklein S., Herms J., Milenkovic V. M., Rupprecht R., Tonn J. C.*, Belka C.*, Bartenstein P.*, Niyazi M.*, Albert N. L.*: *TSPO PET, tumour grading and molecular genetics in histologically verified glioma: a correlative 18F-GE-180 PET study*. **European journal of nuclear medicine and molecular imaging** 2020, 47:1368-1380. **München**_(7.081)
1069. Urban Hans*, Maurer Gabriele D*, Luger Anna-Luisa*, Lorenz Nadja I*, Sauer Benedikt*, Stroh Christopher, Trojan Jörg, Mittelbronn Michel, Steinbach Joachim P*, Harter Patrick N*, Ronellenfisch Michael W*: *Cetuximab-Mediated Protection from Hypoxia- Induced Cell Death: Implications for Therapy Sequence in Colorectal Cancer*. **Cancers** 2020, 12:3050 **Frankfurt/Mainz**_(6.126)
1070. Urban Hans*, Willems Laurent M, Ronellenfisch Michael W*, Rosenow Felix, Steinbach Joachim P*, Strzelczyk Adam: *Increased occurrence of status epilepticus in patients with brain metastases and checkpoint inhibition*. **Oncolimmunology** 2020, 9:1851517. **Frankfurt/Mainz**_(5.869)
1071. Usta Diren*, Sigaud Romain*, Buhl Juliane L*, Selt Florian*, Marquardt Viktoria*, Pauck David*, Jansen Jennifer, Pusch Stefan*, Ecker Jonas*, Hielscher Thomas*, Vollmer Johanna*, Sommerkamp Alexander C*, Rubner Tobias*, Hargrave Darren, van Tilburg Cornelis Martinus*, Pfister Stefan M*, Jones David T W*, Remke Marc*, Brummer Tilman, Witt Olaf*, Milde Till*: *A cell-based MAPK reporter assay reveals synergistic MAPK pathway activity suppression by MAPK inhibitor combination in BRAF-driven pediatric low-grade glioma cells*. **Molecular cancer therapeutics** 2020, 19:1736-1750. **Heidelberg, Essen/Düsseldorf, Freiburg**_(5.615)
1072. Vadakekolathu Jayakumar, Minden Mark D, Hood Tressa, Church Sarah E, Reeder Stephen, Altmann Heidi, Sullivan Amy H, Viboch Elena J, Patel Tasleema, Ibrahimova Narmin, Warren Sarah E, Arruda Andrea, Liang Yan, Smith Thomas H, Foulds Gemma A, Bailey Michael D, Gowen-MacDonald James, Muth John, Schmitz Marc*, Cesano Alessandra, Pockley A Graham, Valk Peter J M, Löwenberg Bob, Bornhäuser Martin*, Tasian Sarah K, Rettig Michael P, Davidson-Moncada Jan K, DiPersio John F, Rutella Sergio: *Immune landscapes predict chemotherapy resistance and immunotherapy response in acute myeloid leukemia*. **Science translational medicine** 2020, 12:eaaz0463 -. **Dresden**_(16.304)
1073. van de Haar Joris, Hoes Louisa R, Coles Charlotte E, Seamon Kenneth, Fröhling Stefan*, Jäger Dirk, Valenza Franco, de Braud Filippo, De Petris Luigi, Bergh Jonas, Ernberg Ingemar, Besse Benjamin, Barlesi Fabrice, Garralda Elena, Piris-Giménez Alejandro, Baumann Michael*, Apolone Giovanni, Soria Jean Charles, Tabernero Josep, Caldas Carlos, Voest Emile E: *Caring for patients*

- with cancer in the COVID-19 era. **Nature medicine** 2020, 26:665 - 671. **Heidelberg_(36.130)**
1074. van den Bent Martin, Azaro Analia, De Vos Filip, Sepulveda Juan, Yung W K Alfred, Wen Patrick Y, Lassman Andrew B, Joerger Markus, Tabatabai Ghazaleh*, Rodon Jordi, Tiedt Ralph, Zhao Sylvia, Kirsilae Tiina, Cheng Yi, Vicente Sergio, Balbin O Alejandro, Zhang Hefei, Wick Wolfgang*: *A Phase Ib/II, open-label, multicenter study of INC280 (capmatinib) alone and in combination with buparlisib (BKM120) in adult patients with recurrent glioblastoma.* **Journal of neuro-oncology** 2020, 146:79-89. **Tübingen**
 1075. Van Der Steen Nele*, Lyu Yanhong*, Hitzler Anne K, Becker Andrea C, Seiler Jeanette Simone*, Diederichs Sven*: *The Circular RNA Landscape of Non-Small Cell Lung Cancer Cells.* **Cancers** 2020, 12:1091 -. **Freiburg_(6.126)**
 1076. van Tilburg Cornelis Martinus*, Witt Ruth*, Heiss Melanie*, Pajtler Kristian W.*, Plass Christoph*, Poschke Isabel*, Platten Michael*, Harting Inga, Sedlacek Oliver*, Freitag Angelika*, Meyrath David, Taylor Lenka, Balasubramanian Gnana Prakash*, Jäger Natalie*, Pfaff Elke*, Jones Barbara C.*, Milde Till*, Pfister Stefan M.*, Jones David T. W.*, Kopp-Schneider Annette*, Witt Olaf*: *INFORM2 NivEnt: The first trial of the INFORM2 biomarker driven phase I/II trial series: the combination of nivolumab and entinostat in children and adolescents with refractory high-risk malignancies.* **BMC cancer** 2020, 20:523. **Heidelberg**
 1077. Varga Julia, Nicolas Adele, Petrocelli Valentina, Pesic Marina, Mahmoud Abdelrahman*, Michels Birgitta E*, Etlioglu Emre, Yepes Diego*, Häupl Björn*, Ziegler Paul K, Bankov Katrin, Wild Peter J, Wanninger Stefan, Medyouf Hind, Farin Henner F*, Tejpar Sabine, Oellerich Thomas*, Ruland Jürgen, Siebel Christian W, Greten Florian R*: *AKT-dependent NOTCH3 activation drives tumor progression in a model of mesenchymal colorectal cancer.* **Journal of experimental medicine** 2020, 217:e20191515. **Frankfurt/Mainz_(11.743)**
 1078. Vargas-Toscano Andres, Nickel Ann-Christin, Li Guanzhang, Kamp Marcel Alexander, Muhammad Sajjad, Leprivier Gabriel, Fritsche Ellen, Barker Roger A, Sabel Michael, Steiger Hans-Jakob, Zhang Wei, Hänggi Daniel, Kahlert Ulf Dietrich*: *Rapalink-1 Targets Glioblastoma Stem Cells and Acts Synergistically with Tumor Treating Fields to Reduce Resistance against Temozolomide.* **Cancers** 2020, 12:3859. **Essen/Düsseldorf_(6.126)**
 1079. Vatter Tatjana, Klumpp Lukas, Ganser Katrin, Stransky Nicolai, Zips Daniel*, Eckert Franziska*, Huber Stephan M: *Against Repurposing Methadone for Glioblastoma Therapy.* **Biomolecules** 2020, 10:E917 **Tübingen**
 1080. Vega-Rubín-de-Celis Silvia, Kinch Lisa, Pena-Llopis Samuel*: *Regulation of Beclin 1-Mediated Autophagy by Oncogenic Tyrosine Kinases.* **International journal of molecular sciences** 2020, 21:9210 -. **Essen/Düsseldorf**
 1081. Verma Divij, Zanetti Costanza, Godavarthy Parimala Sonika, Kumar Rahul, Minciocchi Valentina R, Pfeiffer Jakob, Metzler Markus, Lefort Sylvain, Maguer-Satta Véronique, Nicolini Franck E, Burroni Barbara, Fontenay Michaela, Krause Daniela S*: *Bone marrow niche-derived extracellular matrix-degrading enzymes influence the progression of B-cell acute lymphoblastic leukemia.* **Leukemia** 2020, 34:1540-1552. **Frankfurt/Mainz_(8.665)**
 1082. Vetma V., Guttà C., Peters N., Praetorius C., Hutt M., Seifert O., Meier F.*, Kontermann R., Kulms D., Rehm M.: *Convergence of pathway analysis and pattern recognition predicts sensitization to latest generation TRAIL therapeutics by IAP antagonism.* **Cell Death Differ** 2020, 27:2417-2432. **Dresden_(10.717)**

1083. Vettermann F. J., Unterrainer M., Ruf V., Fleischmann D. F., Rupprecht R., Forbrig R., Herms J., Tonn J. C., Belka C., Bartenstein P., Niyazi M., Albert N. L.: *Dual PET Imaging of an H3K27M-Mutant Glioma With 18F-GE-180 and 18F-FET PET*. **Clin Nucl Med** 2020, 45:992-993. **München_(6.587)**
1084. Vicente-Dueñas Carolina, Janssen Stefan, Oldenburg Marina, Auer Franziska*, González-Herrero Inés, Casado-García Ana, Isidro-Hernández Marta, Raboso-Gallego Javier, Westhoff Philipp, Pandyra Aleksandra A., Hein Daniel, Gössling Katharina L., Alonso-López Diego, De Las Rivas Javier, Bhatia Sanil, García-Criado Francisco Javier, García-Cenador María Begoña, Weber Andreas P. M., Köhrer Karl, Hauer Julia, Fischer Ute, Sánchez-García Isidro, Borkhardt Arndt: *An intact gut microbiome protects genetically predisposed mice against leukemia*. **Blood** 2020, 136:2003 - 2017. **Dresden_(17.543)**
1085. Vogel Marco M E, Kroeze Stephanie G C, Henkenberens Christoph, Schmidt-Hegemann Nina-Sophie, Kirste Simon, Becker Jessica, Burger Irene A, Derlin Thorsten, Bartenstein Peter, Mix Michael, la Fougère Christian*, Eiber Matthias, Christiansen Hans, Belka Claus*, Grosu Anca L, Müller Arndt-Christian, Guckenberger Matthias, Combs Stephanie E*: *Prognostic risk classification for biochemical relapse-free survival in patients with oligorecurrent prostate cancer after [68Ga]PSMA-PET-guided metastasis-directed therapy*. **European journal of nuclear medicine and molecular imaging** 2020, 47:2328-2338. **Tübingen, München_(7.081)**
1086. Vogelbaum Michael A, Krivosheya Daria, Borghei-Razavi Hamid, Sanai Nader, Weller Michael, Wick Wolfgang*, Soffiatti Riccardo, Reardon David A, Aghi Manish K, Galanis Evanthea, Wen Patrick Y, van den Bent Martin, Chang Susan: *Phase 0 and Window of Opportunity Clinical Trial Design in Neuro-Oncology: A RANO Review*. **Neuro-Oncology** 2020, 22:1568-1579. **Heidelberg_(10.247)**
1087. Voglhuber Theresa, Kessel Kerstin A*, Oechsner Markus, Vogel Marco M E, Gschwend Jürgen E, Combs Stephanie E*: *Single-institutional outcome-analysis of low-dose stereotactic body radiation therapy (SBRT) of adrenal gland metastases*. **BMC cancer** 2020, 20:536. **München**
1088. Volpin Valentina, Michels Tillmann, Sorrentino Antonio*, Menevse Ayse Nur, Knoll Gertrud, Ditz Madlen, Milenkovic Vladimir Milija, Chen Chih-Yeh, Rathinasamy Anchana, Griewank Klaus, Boutros Michael*, Haferkamp Sebastian, Berneburg Mark, Wetzel Christian H, Seckinger Anja, Hose Dirk, Goldschmidt Hartmut, Ehrenschröder Martin, Witzens-Harig Mathias, Szoor Arpad, Vereb Gyorgy, Khandelwal Nisit, Beckhove Philipp: *CAMK1D triggers immune resistance of human tumor cells refractory to anti-PD-L1 treatment*. **Cancer immunology research** 2020, 8:1163-1179. **Essen/Düsseldorf_(8.728)**
1089. von Achenbach Caroline, Le Rhun Emilie, Sahm Felix*, Wang Sophie S, Sievers Philipp*, Neidert Marian C, Rushing Elisabeth J, Lawhon Tracy, Schneider Hannah, von Deimling Andreas*, Weller Michael: *Sensitivity of human meningioma cells to the cyclin-dependent kinase inhibitor, TG02*. **Translational oncology** 2020, 13:100852 **Heidelberg**
1090. von Achenbach Caroline, Weller Michael, Kaulich Kerstin*, Gramatzki Dorothee, Zacher Angela*, Fabbro Dorian, Reifenberger Guido*, Szabó Emese: *Synergistic growth inhibition mediated by dual PI3K/mTOR pathway targeting and genetic or direct pharmacological AKT inhibition in human glioblastoma models*. **Journal of neurochemistry** 2020, 153:510 - 524. **Essen/Düsseldorf**
1091. von Baumgarten Louisa, Kumbrink Jörg*, Jung Andreas*, Reischer Anna*, Flach Madeleine, Liebmann Sibylle, Metzeler Klaus H.*, Holch Julian W.*, Niyazi Maximilian*, Thon Niklas*, Straube Andreas, von Bergwelt-Baildon Michael*, Heinemann Volker*, Kirchner Thomas*,

- Westphalen Christoph Benedikt*: *Therapeutic management of neuro-oncologic patients - potential relevance of CSF liquid biopsy*. **Theranostics** 2020, 10:856 - 866. **München**_(8.579)
1092. Vornholz Larsen, Ruland Jürgen*: *Physiological and Pathological Functions of CARD9 Signaling in the Innate Immune System*. **Current topics in microbiology and immunology** 2020, 429:177-203. **München**
1093. Voronina Natalia*, Wong John K L*, Hübschmann Daniel*, Hlevnjak Mario*, Uhrig Sebastian*, Heilig Christoph*, Horak Peter*, Kreutzfeldt Simon*, Mock Andreas*, Stenzinger Albrecht, Hutter Barbara*, Fröhlich Martina*, Brors Benedikt*, Jahn Arne*, Klink Barbara*, Gieldon Laura, Sieverling Lina*, Feuerbach Lars*, Chudasama Priya*, Beck Katja*, Kroiss Matthias, Heining Christoph*, Möhrmann Lino*, Fischer Andreas*, Schröck Evelin*, Glimm Hanno*, Zapatka Marc*, Lichter Peter*, Fröhling Stefan*, Ernst Aurélie*: *The landscape of chromothripsis across adult cancer types*. **Nature Communications** 2020, 11:2320. **Heidelberg, Dresden**_(12.121)
1094. Voss Martin*, Wagner Marlies*, von Mettenheim Nina*, Harter Patrick*, Wenger Katharina J*, Franz Kea*, Bojunga Jörg, Vetter Manuela*, Gerlach Ruediger, Glatzel Michael, Paulsen Frank, Hattingen Elke, Baehr Oliver*, Ronellenfitch Michael W*, Fokas Emmanouil*, Imhoff Detlef*, Steinbach Joachim P*, Rödel Claus*, Rieger Johannes: *ERGO2: A prospective randomized trial of calorie restricted ketogenic diet and fasting in addition to re-irradiation for malignant glioma*. **International journal of radiation oncology, biology, physics** 2020, 108:987-995. **Frankfurt/Mainz**_(5.859)
1095. Wagner A. E., Schwarzmayer T., Häberle B., Vokuhl C., Schmid I., Hermeking H.*, Kappler R.: *SP8 Promotes an Aggressive Phenotype in Hepatoblastoma via FGF8 Activation*. **Cancers (Basel)** 2020, 12. **München**_(6.126)
1096. Wahner Helena C W, Träger Malte, Bender Katja, Schweizer Leonille*, Onken Julia, Senger Carolin, Ehret Felix, Budach Volker, Kaul David*: *Predicting survival in anaplastic astrocytoma patients in a single-center cohort of 108 patients*. **Radiation oncology** 2020, 15:282. **Berlin**
1097. Waldeck Silvia*, Rassner Michael, Keye Philip, Follo Marie, Herchenbach Dieter, Endres Cornelia*, Charlet Anne, Andrieux Geoffroy*, Salzer Ulrich, Boerries Melanie*, Duyster Justus*, von Bubnoff Nikolas*: *CCL5 mediates target-kinase independent resistance to FLT3 inhibitors in FLT3-ITD-positive AML*. **Molecular oncology** 2020, 14:779-794. **Freiburg**_(6.574)
1098. Walker A. R., Byrd J. C., Blachly J. S., Bhatnagar B., Mims A. S., Orwick S., Lin T. L., Crosswell H. E., Zhang D., Minden M. D., Munugalavadla V., Long L., Liu J., Pan Y., Oellerich T.*, Serve H.*, Rao A. V., Blum W. G.: *Entospletinib in Combination with Induction Chemotherapy in Previously Untreated Acute Myeloid Leukemia: Response and Predictive Significance of HOXA9 and MEIS1 Expression*. **Clin Cancer Res** 2020, 26:5852-5859. **Frankfurt/Mainz**_(10.107)
1099. Walle Thomas*, Erdal Erkin, Mühlsteffen Leon, Singh Hans Martin*, Gnutzmann Editha, Grün Barbara, Hofmann Helene, Ivanova Alexandra, Köhler Bruno Christian, Korell Felix, Mavratzas Athanasios, Mock Andreas*, Pixberg Constantin, Schult David, Starke Helen, Steinebrunner Niels, Woydack Lena, Schneeweiss Andreas, Dietrich Mareike, Jäger Dirk*, Krisam Johannes, Kather Jakob Nikolas*, Winkler Eva C: *Completion rate and impact on physician-patient relationship of video consultations in medical oncology: a randomised controlled open-label trial*. **ESMO open** 2020, 5:e000912. **Heidelberg**_(5.329)
1100. Wandrer Franziska, Liebig Stephanie, Marhenke Silke, Vogel Arndt, John Katharina, Manns Michael P, Teufel Andreas, Itzel Timo, Longerich Thomas, Maier Olaf, Fischer Roman, Kontermann Roland E, Pfizenmaier Klaus, Schulze-Osthoff Klaus*, Bantel Heike: *TNF-Receptor-1*

- inhibition reduces liver steatosis, hepatocellular injury and fibrosis in NAFLD mice. Cell death & disease* 2020, 11:212. **Tübingen**_(6.304)
1101. Wang Jian, Jelcic Ivan, Mühlenbruch Lena*, Haunerding Veronika, Toussaint Nora C, Zhao Yingdong, Cruciani Carolina, Faigle Wolfgang, Naghavian Reza, Foege Magdalena, Binder Thomas M C, Eiermann Thomas, Opitz Lennart, Fuentes-Font Laura, Reynolds Richard, Kwok William W, Nguyen Julie T, Lee Jar-How, Lutterotti Andreas, Münz Christian, Rammensee Hans-Georg*, Hauri-Hohl Mathias, Sospedra Mireia, Stevanovic Stefan, Martin Roland: *HLA-DR15 Molecules Jointly Shape an Autoreactive T Cell Repertoire in Multiple Sclerosis. Cell* 2020, 183:1264-1281.e1220. . **Tübingen**_(38.637)
 1102. Wang Xiaoliang, Su Yu-Ru, Petersen Paneen S, Bien Stephanie, Schmit Stephanie L, Drew David A, Albanes Demetrius, Berndt Sonja I, Brenner Hermann*, Campbell Peter T, Casey Graham, Chang-Claude Jenny*, Gallinger Steven, Gruber Stephen B, Haile Robert W, Harrison Tabitha A, Hoffmeister Michael*, Jacobs Eric J, Jenkins Mark A, Joshi Amit D, Li Li, Lin Yi, Lindor Noralane M, Le Marchand Loic, Martín Vicente, Milne Roger L, MacInnis Robert, Moreno Victor, Nan Hongmei, Newcomb Polly A, Potter John D, Rennert Gad, Rennert Hedy S, Slattery Martha L, Thibodeau Stephen N, Weinstein Stephanie J, Woods Michael O, Chan Andrew T, White Emily, Hsu Li, Peters Ulrike: *Exploratory genome-wide interaction analysis of non-steroidal anti-inflammatory drugs and predicted gene expression on colorectal cancer risk. Cancer epidemiology, biomarkers & prevention* 2020, 29:1800-1808. **Heidelberg**
 1103. Wanior Marek, Preuss Franziska, Ni Xiaomin, Krämer Andreas, Mathea Sebastian, Göbel Tamara, Heidenreich David, Simonyi Svenja, Kahnt Astrid S, Joerger Andreas C*, Knapp Stefan*: *Pan-SMARCA/PB1 Bromodomain Inhibitors and Their Role in Regulating Adipogenesis. Journal of medicinal chemistry* 2020, 63:14680-14699. **Frankfurt/Mainz**_(6.205)
 1104. Waszak SebastianM., Robinson GilesW, Gudenias Brian L., Smith Kyle S., Forget Antoine, Kojic Marija, Garcia-Lopez Jesus, Hadley Jennifer, Hamilton Kayla V., Indersie Emilie, Buchhalter Ivo*, Kerssemakers Jules*, Jäger Natalie*, Sharma Tanvi*, Rausch Tobias, Kool Marcel*, Sturm Dominik*, Jones David T. W.*, Vasilyeva Aksana, Tatevossian Ruth G., Neale Geoffrey, Lombard Bérangère, Loew Damaris, Nakitandwe Joy, Rusch Michael, Bowers Daniel C., Bendel Anne, Partap Sonia, Chintagumpala Murali, Crawford John, Gottardo Nicholas G., Smith Amy, Dufour Christelle, Rutkowski Stefan, Eggen Tone, Wesenberg Finn, Kjaerheim Kristina, Feychting Maria, Lannering Birgitta, Schüz Joachim, Johansen Christoffer, Andersen Tina V., Rösli Martin, Kuehni Claudia E., Grotzer Michael, Remke Marc, Puget Stéphanie, Pajtler Kristian W.*, Milde Till*, Witt Olaf*, Ryzhova Marina*, Korshunov Andrey*, Orr Brent A., Ellison David W., Brugieres Laurence, Lichter Peter*, Nichols Kim E., Gajjar Amar, Wainwright Brandon J., Ayrault Olivier, Korbel Jan O., Northcott Paul A., Pfister Stefan*: *Germline Elongator mutations in Sonic Hedgehog medulloblastoma. Nature <London>* 2020, 580:396 - 401. **Heidelberg**_(42.778)
 1105. Watanabe Tsubasa, Firat Elke, Scholber Jutta, Gaedicke Simone*, Heinrich Corinne, Luo Ren, Ehrat Nicolas, Multhoff Gabriele*, Schmitt-Graeff Annette, Grosu Anca-Ligia*, Abdollahi Amir*, Hassel Jessica*, von Bubnoff Dagmar, Meiss Frank, Niedermann Gabriele*: *Deep abscopal response to radiotherapy and anti-PD-1 in an oligometastatic melanoma patient with unfavorable pretreatment immune signature. Cancer immunology immunotherapy* 2020, 69:1823-1832. **Heidelberg, München, Freiburg**_(5.442)
 1106. Watanabe Tsubasa, Gaedicke Simone, Guffart Elena, Firat Elke, Niedermann Gabriele*: *Adding indoximod to hypofractionated radiotherapy with anti-PD-1 checkpoint blockade enhances early NK and CD8+ T cell-dependent tumor activity. Clinical cancer research* 2020, 26:945-956.

Freiburg_(10.107)

1107. Watkins Thomas B K, Lim Emilia L, Petkovic Marina, Elizalde Sergi, Birkbak Nicolai J, Wilson Gareth A, Moore David A, Grönroos Eva, Rowan Andrew, Dewhurst Sally M, Demeulemeester Jonas, Dentre Stefan C, Horswell Stuart, Au Lewis, Haase Kerstin, Escudero Mickael, Rosenthal Rachel, Bakir Maise Al, Xu Hang, Litchfield Kevin, Lu Wei Ting, Mourikis Thanos P, Dietzen Michelle, Spain Lavinia, Cresswell George D, Biswas Dhruva, Lamy Philippe, Nordentoft Iver, Harbst Katja, Castro-Giner Francesc, Yates Lucy R, Caramia Franco, Jaulin Fanny, Vicier Cécile, Tomlinson Ian P M, Brastianos Priscilla K, Cho Raymond J, Bastian Boris C, Dyrskjöt Lars, Jönsson Göran B, Savas Peter, Loi Sherene, Campbell Peter J, Andre Fabrice, Luscombe Nicholas M, Steeghs Neeltje, Tjan-Heijnen Vivianne C G, Szallasi Zoltan, Turajlic Samra, Jamal-Hanjani Mariam, Van Loo Peter, Bakhoun Samuel F, Schwarz Roland F*, McGranahan Nicholas, Swanton Charles: *Pervasive chromosomal instability and karyotype order in tumour evolution*. **Nature <London>** 2020, 587:126-132. **Berlin_(42.778)**
1108. Watson Juliana, Romagna Alexander, Ballhausen Hendrik, Niyazi Maximilian, Lietke Stefanie, Siller Sebastian, Belka Claus*, Thon Niklas, Nachbichler Silke Birgit: *Long-term outcome of stereotactic brachytherapy with temporary Iodine-125 seeds in patients with WHO grade II gliomas*. **Radiation oncology** 2020, 15:275. **München**
1109. Weber Julia, Braun Christian J*, Saur Dieter*, Rad Roland*: *In vivo functional screening for systems-level integrative cancer genomics*. **Nature reviews / Cancer** 2020, 20:573-593. **B062, München_(53.030)**
1110. Wefers Annika*, Stichel Damian*, Schrimpf Daniel*, Coras Roland, Pages Mélanie, Tauziède-Espariat Arnault, Varlet Pascale, Schwarz Daniel, Söylemezoglu Figen, Pohl Ute, Pimentel José, Meyer Jochen*, Hewer Ekkehard, Japp Anna, Joshi Abhijit, Reuss David E*, Reinhardt Annkathrin*, Sievers Philipp*, Casalini Maria Belen*, Ebrahimi Azadeh*, Huang Kristin*, Koelsche Christian, Low Hu Liang, Rebelo Olinda, Marnoto Dina, Becker Albert J, Staszewski Ori, Mittelbronn Michel, Hasselblatt Martin, Schittenhelm Jens, Cheesman Edmund, de Oliveira Ricardo Santos, Queiroz Rosane Gomes P, Valera Elvis Terci, Hans Volkmar H, Korshunov Andrey*, Olar Adriana, Ligon Keith L, Pfister Stefan*, Jaunmuktane Zane, Brandner Sebastian, Tatevossian Ruth G, Ellison David W, Jacques Thomas S, Honavar Mrinalini, Aronica Eleonora, Thom Maria, Sahm Felix*, von Deimling Andreas*, Jones David*, Blumcke Ingmar, Capper David*: *Isomorphic diffuse glioma is a morphologically and molecularly distinct tumour entity with recurrent gene fusions of MYBL1 or MYB and a benign disease course*. **Acta neuropathologica** 2020, 139:193-209. **Berlin_(14.256)**
1111. Weidner Heike, Baschant Ulrike, Lademann Franziska, Ledesma Colunga Maria G, Balaian Ekaterina*, Hofbauer Christine, Misof Barbara M, Roschger Paul, Blouin Stéphane, Richards William G, Platzbecker Uwe*, Hofbauer Lorenz C*, Rauner Martina: *Increased FGF-23 levels are linked to ineffective erythropoiesis and impaired bone mineralization in myelodysplastic syndromes*. **JCI insight** 2020, 5:e137062. **Dresden_(6.205)**
1112. Weigl Korbinian*, Chang-Claude Jenny*, Hsu Li, Hoffmeister Michael*, Brenner Hermann*: *Establishing a valid approach for estimating familial risk of cancer explained by common genetic variants*. **International journal of cancer** 2020, 146:68-75. **Heidelberg_(5.145)**
1113. Weinberg Florian, Griffin Ricarda, Fröhlich Martina Antonia*, Heining Christoph*, Braun Sandra, Spohr Corinna, Iconomou Mary, Hollek Viola, Röring Michael, Horak Peter*, Kreutzfeldt Simon*, Warsow Gregor*, Hutter Barbara*, Uhrig Sebastian*, Neumann Olaf*, Reuss David*, Heiland Dieter Henrik, von Kalle Christof*, Weichert Wilko*, Stenzinger Albrecht*, Brors Benedikt*,

- Glimm Hanno*, Fröhling Stefan*, Brummer Tilman*: *Identification and characterization of a BRAF fusion oncoprotein with retained autoinhibitory domains*. **Oncogene** 2020, 39:814-832. **Dresden, München_(7.971)**
1114. Weissinger Matthias, Vogel Jonas, Kupferschläger Jürgen, Dittmann Helmut, Castaneda Vega Salvador Guillermo, Grosse Ulrich, Artzner Christoph, Nikolaou Konstantin*, la Fougere Christian*, Grözinger Gerd: *Correlation of C-arm CT acquired parenchymal blood volume (PBV) with 99mTc-macroaggregated albumin (MAA) SPECT/CT for radioembolization work-up*. **PLOS ONE** 2020, 15:e0244235 -. **Tübingen**
1115. Weller Michael, Reifenberger Guido*: *Beyond the World Health Organization classification of central nervous system tumors 2016: what are the new developments for gliomas from a clinician's perspective?* **Current opinion in neurology** 2020, 33:701 - 706. **Essen/Düsseldorf**
1116. Welt Anja, Wiesweg Marcel, Theurer Sarah, Abenhardt Wolfgang, Groschek Matthias, Müller Lothar, Schröder Jan, Tewes Mitra, Chiabudini Marco, Potthoff Karin, Bankfalvi Agnes, Marschner Norbert, Schuler Martin*, Breitenbücher Frank: *Buparlisib in combination with tamoxifen in pretreated patients with hormone receptor-positive, HER2-negative advanced breast cancer molecularly stratified for PIK3CA mutations and loss of PTEN expression*. **Cancer medicine** 2020, 9:4527-4539 **Essen/Düsseldorf**
1117. Wenger Katharina J.*, Richter Christian*, Burger Michael C.*, Urban Hans*, Kaulfuss Stefan, Harter Patrick*, Sreeramulu Sridhar*, Schwalbe Harald*, Steinbach Joachim P.*, Hattingen Elke*, Bähr Oliver*, Pilatus Ulrich*: *Non-Invasive Measurement of Drug and 2-HG Signals Using 19F and 1H MR Spectroscopy in Brain Tumors Treated with the Mutant IDH1 Inhibitor BAY1436032*. **Cancers** 2020, 12:3175. **Frankfurt/Mainz_(6.126)**
1118. Wenger K. J.*, Steinbach J. P.*, Bähr Marion*, Pilatus U.*, Hattingen E.*: *Lower Lactate Levels and Lower Intracellular pH in Patients with IDH-Mutant versus Wild-Type Gliomas*. **American journal of neuroradiology** 2020, 41:1414-1422. **Frankfurt/Mainz**
1119. Wenger Katharina J*, Wagner Marlies*, Harter Patrick N*, Franz Kea*, Bojunga Jörg, Fokas Emmanouil*, Imhoff Detlef*, Rödel Claus*, Rieger Johannes, Hattingen Elke*, Steinbach Joachim P*, Pilatus Ulrich*, Voss Martin*: *Maintenance of Energy Homeostasis during Calorically Restricted Ketogenic Diet and Fasting-MR-Spectroscopic Insights from the ERGO2 Trial*. **Cancers** 2020, 12:3549 **Frankfurt/Mainz_(6.126)**
1120. Went Molly, Cornish Alex J, Law Philip J, Kinnersley Ben, van Duin Mark, Weinhold Niels, Försti Asta*, Hansson Markus, Sonneveld Pieter, Goldschmidt Hartmut, Morgan Gareth J, Hemminki Kari*, Nilsson Björn, Kaiser Martin, Houlston Richard S: *Search for multiple myeloma risk factors using Mendelian randomization*. **Blood advances** 2020, 4:2172 - 2179. **Heidelberg**
1121. Wenzel Janna, Rose Katja, Haghighi Elham Bavafaye, Lamprecht Constanze, Rauen Gilles, Freißen Vivien, Kesselring Rebecca, Boerries Melanie*, Hecht Andreas: *Loss of the nuclear Wnt pathway effector TCF7L2 promotes migration and invasion of human colorectal cancer cells*. **Oncogene** 2020, 39:3893-3909. **Freiburg_(7.971)**
1122. Wessels Sabine, Muley Thomas, Christopoulos Petros, Meister Michael, Heinzmann-Groth Ingrid, Warth Arne, Herpel Esther, Hummler Simone, Klingmüller Ursula*, Kuon Jonas, Heussel Claus-Peter, Eberhardt Ralf, Herth Felix J F, Winter Hauke, Bischoff Helge, Stenzinger Albrecht*, Reck Martin, Huber Rudolf Maria, Thomas Michael, Schneider Marc A: *Comprehensive serial biobanking in advanced NSCLC: feasibility, challenges and perspectives*. **Translational Lung Cancer Research** 2020, 9:1000 - 1014. **Heidelberg_(5.132)**

1123. Wessolly Michael*, Stephan-Falkenau Susann, Streubel Anna, Werner Robert, Borchert Sabrina*, Griff Sergej, Mairinger Elena, Walter Robert F H, Bauer Torsten, Eberhardt Wilfried E E, Blum Torsten G, Schmid Kurt W, Kollmeier Jens, Mairinger Thomas, Mairinger Fabian D*: *A Novel Epitope Quality-Based Immune Escape Mechanism Reveals Patient's Suitability for Immune Checkpoint Inhibition*. **Cancer management and research** 2020, 12:7881 - 7890. **Essen/Düsseldorf**
1124. Westphalen Benedikt C, Bokemeyer Carsten, Büttner Reinhard, Fröhling Stefan*, Gaidzik Verena I, Glimm Hanno*, Hacker Ulrich T, Heinemann Volker, Illert Anna L*, Keilholz Ulrich*, Kindler Thomas, Kirschner Martin, Schilling Bastian, Siveke Jens T*, Schroeder Thomas, Tischler Verena, Wagner Sebastian, Weichert Wilko*, Zips Daniel, Loges Sonja, Therapy Working Group Molecular Diagnostics and, Bargou Würzburg Ralf, Bläker Leipzig Hendrik, Börries Freiburg Melanie, Brandts Frankfurt Christian, Demes Frankfurt Melanie, Desuki Mainz Alexander, Döhner Ulm Hartmut, Duyster Freiburg Justus, Gaisa Aachen Nadine, Heine Bonn Annkristin, Heining Dresden Christoph, Horak Heidelberg Peter, Jelas Berlin Ivan, Jost München Philipp J, Jung München Andreas, Kirchner München Thomas, Klauschen Berlin Frederick, Kreutzfeldt Heidelberg Simon, Kumbrink München Jörg, Kunzmann Würzburg Volker, Lassmann Freiburg Silke, Metzeler München Klaus, Möller Ulm Peter, Ortiz-Brüchle Aachen Nadina, Paret Mainz Claudia, Pelusi Bonn Natalie, Peters Freiburg Christoph, Pfarr München Nicole, Richter Dresden Daniela, Riedmann München Kristina, Rieke Berlin Damian, Ritzel Mainz Christoph, Schadendorf Essen Dirk, Schildhaus Essen Hans-Ulrich, Schorle Bonn Hubert, Seufferlein Ulm Thomas, Simon Hamburg Ronald, Stenzinger Heidelberg Albrecht, Tabatabai Tübingen Ghazaleh, Velthaus Hamburg Janna-Lisa, Werner Freiburg Martin, Wild Frankfurt Peter J, Wolf Köln Jürgen: *Conceptual framework for precision cancer medicine in Germany: Consensus statement of the Deutsche Krebshilfe working group 'Molecular Diagnostics and Therapy'*. **European journal of cancer** 2020, 135:1 - 7. **Heidelberg, Dresden, Freiburg, Berlin, Essen/Düsseldorf, München_(7.275)**
1125. Weykamp Fabian, El Shafie Rami A., König Laila, Seidensaal Katharina, Forster Tobias, Arians Nathalie, Regnery Sebastian, Hoegen Philipp, Deutsch Thomas M., Schneeweiss Andreas, Debus Jürgen*, Hörner-Rieber Juliane*: *Validation of Nine Different Prognostic Grading Indexes for Radiosurgery of Brain Metastases in Breast Cancer Patients and Development of an All-Encompassing Prognostic Tool*. **Frontiers in oncology** 2020, 10:1557. **Heidelberg**
1126. Weykamp Fabian, König Laila, Seidensaal Katharina, Forster Tobias, Hoegen Philipp, Akbaba Sati, Mende Stephan, Welte Stefan E, Deutsch Thomas M, Schneeweiss Andreas, Debus Jürgen*, Hörner-Rieber Juliane*: *Extracranial Stereotactic Body Radiotherapy in Oligometastatic or Oligoprogressive Breast Cancer*. **Frontiers in oncology** 2020, 10:987. **Heidelberg**
1127. Weykamp Fabian, Seidensaal Katharina, Rieken Stefan, Green Kim, Mende Stephan, Zaoui Karim, Freier Kolja, Adeberg Sebastian, Debus Jürgen*, Welte Stefan Ezechiël: *Age-dependent hemato- and nephrotoxicity in patients with head and neck cancer receiving chemoradiotherapy with weekly cisplatin*. **Strahlentherapie und Onkologie** 2020, 196:515-521. **Heidelberg**
1128. Wichmann C.*, Klotz D. M.*, Zeiler H. J., Hilger R. A., Grützmann K.*, Krüger A.*, Aust D.*, Wimberger P.*, Kuhlmann J. D.*: *The effect of the triazene compound CT913 on ovarian cancer cells in vitro and its synergistic interaction with the PARP-inhibitor olaparib*. **Gynecol Oncol** 2020, 159:850-859. **Dresden**
1129. Wick Antje, National Center for Tumor Diseases Heidelberg University Hospital, INF, Heidelberg, Germany.}, Kessler Tobias*, National Center for Tumor Diseases Heidelberg University Hospital,

- INF, Heidelberg, Germany. | Clinical Cooperation Unit Neurooncology, Consortium German Cancer, German Cancer Research Center INF, Heidelberg, Germany.}, Platten Michael*, National Center for Tumor Diseases Heidelberg University Hospital, INF, Heidelberg, Germany. | Clinical Cooperation Unit Neuroimmunology and Brain Tumor Immunology, Consortium German Cancer, German Cancer Research Center partner site Tübingen, University of Tübingen, Hoppe-Seyler-Strasse, Tübingen.}, Meisner Christoph, Bamberg Michael, Herrlinger Ulrich, Felsberg Jörg, Weyerbrock Astrid, Papsdorf Kirsten, Steinbach Joachim P, Sabel Michael*, Vesper Jan*, Debus Jürgen, Meixensberger Jürgen, Ketter Ralf, Hertler Caroline, Mayer-Steinacker Regine, Weisang Sarah, National Center for Tumor Diseases Heidelberg University Hospital, INF, Heidelberg, Germany.}, Bölting Hanna, National Center for Tumor Diseases Heidelberg University Hospital, INF, Heidelberg, Germany.}, Reuss David*, Reifenberger Guido*, Sahm Felix*, von Deimling Andreas*, Weller Michael, Wick Wolfgang*, National Center for Tumor Diseases Heidelberg University Hospital, INF, Heidelberg, Germany. | Clinical Cooperation Unit Neurooncology, Consortium German Cancer, German Cancer Research Center partner site Tübingen, University of Tübingen, Hoppe-Seyler-Strasse, Tübingen.}, Group NOA-08 Study Group of the Neurooncology Working: *Superiority of temozolomide over radiotherapy for elderly patients with RTK II methylation class, MGMT promoter-methylated malignant astrocytoma. Neuro-Oncology* 2020, 22:1162-1172. **Heidelberg, Tübingen, Essen/Düsseldorf, Freiburg, Frankfurt/Mainz_(10.247)**
1130. Wiechmann Svenja, Maisonneuve Pierre, Grebbin Britta M*, Hoffmeister Meike, Kaulich Manuel, Clevers Hans, Rajalingam Krishnaraj, Kurinov Igor, Farin Henner*, Sicheri Frank, Ernst Andreas: *Conformation-specific inhibitors of activated Ras GTPases reveal limited Ras dependency of patient-derived cancer organoids. The journal of biological chemistry* 2020, 295:4526 - 4540. **Frankfurt/Mainz**
1131. Wiechmann Svenja*, Saupp Elena, Schilling Daniela, Heinzlmeir Stephanie, Schneider Günter, Schmid Roland M., Combs Stephanie E.*, Kuster Bernhard*, Dobiasch Sophie*: *Radiosensitization by Kinase Inhibition Revealed by Phosphoproteomic Analysis of Pancreatic Cancer Cells. Molecular & cellular proteomics* 2020, 19:1649 - 1663. **München**
1132. Wiedenmann Nicole*, Grosu Anca-Ligia*, Büchert Martin, Rischke Hans C*, Ruf Juri*, Bielak Lars, Majerus Liette*, Rühle Alexander*, Bamberg Fabian*, Baltas Dimos*, Hennig Jürgen*, Mix Michael*, Bock Michael*, Nicolay Nils*: *The utility of multiparametric MRI to characterize hypoxic tumor subvolumes in comparison to FMISO PET/CT. Consequences for diagnosis and chemoradiation treatment planning in head and neck cancer. Radiotherapy and oncology* 2020, 150:128 - 135. **Freiburg**
1133. Wierzbinska Justyna Anna*, Toth Reka*, Ishaque Naveed*, Rippe Karsten*, Mallm Jan-Philipp*, Klett Lara C*, Mertens Daniel*, Zenz Thorsten, Hielscher Thomas*, Seifert Marc, Küppers Ralf, Assenov Yassen*, Lutsik Pavlo*, Stilgenbauer Stephan, Roessner Philipp M*, Seiffert Martina*, Byrd John, Oakes Christopher C, Plass Christoph*, Lipka Daniel*: *Methylome-based cell-of-origin modeling (Methyl-COOM) identifies aberrant expression of immune regulatory molecules in CLL. Genome medicine* 2020, 12:29. **Heidelberg_(10.675)**
1134. Wiesweg Marcel, Herold Thomas, Metzenmacher Martin, Eberhardt Wilfried E, Reis Henning, Darwiche Kaid, Aigner Clemens, Stuschke Martin, Herrmann Ken, Nensa Felix, Schildhaus Hans-Ulrich, Schuler Martin*: *Clinical response to crizotinib and emergence of resistance in lung adenocarcinoma harboring a MET c-Cbl binding site mutation. Lung cancer* 2020, 139:165 - 168. **Essen/Düsseldorf**

1135. Wiesweg Marcel, Mairinger Fabian, Reis Henning, Goetz Moritz, Kollmeier Jens, Misch Daniel, Stephan-Falkenau Susann, Mairinger Thomas, Walter Robert F H, Hager Thomas, Metzenmacher Martin, Eberhardt Wilfried E E, Zaun Gregor, Köster Johannes, Stuschke Martin*, Aigner Clemens*, Darwiche Kaid, Schmid Kurt W*, Rahmann Sven*, Schuler Martin*: *Machine learning reveals a PD-L1-independent prediction of response to immunotherapy of non-small cell lung cancer by gene expression context*. **European journal of cancer** 2020, 140:76 - 85. **Essen/Düsseldorf_(7.275)**
1136. Wiesweg Marcel, Schuler Martin*, Schildhaus Hans-Ulrich: *Crizotinib in ROS1 and MET Deregulated NSCLC-Letter*. **Clinical cancer research** 2020, 26:1774. **Essen/Düsseldorf_(10.107)**
1137. Willerslev-Olsen Andreas, Buus Terkild B, Nastasi Claudia, Blümel Edda, Gluud Maria, Bonefeld Charlotte M, Geisler Carsten, Lindahl Lise M, Vermeer Maarten, Wasik Mariusz A, Iversen Lars, Becker Jürgen C*, Andersen Mads Hald, Gjerdrum Lise M R, Litvinov Ivan V, Litman Thomas, Krejsgaard Thorbjørn, Woetmann Anders, Ødum Niels: *Staphylococcus aureus enterotoxins induce FOXP3 in neoplastic T cells in Sézary syndrome*. **Blood cancer journal** 2020, 10:57. **Essen/Düsseldorf_(8.023)**
1138. Willier Semjon, Raedler Johannes, Blaeschke Franziska, Stenger Dana*, Pazos Escudero Montserrat, Jurgeleit Florian, Grünwald Thomas G P*, Binder Vera, Schmid Irene, Albert Michael H, Wolf Armin, Feuchtinger Tobias: *Leukemia escape in immune desert: intraocular relapse of pediatric pro-B-ALL during systemic control by CD19-CAR T cells*. **Journal for ImmunoTherapy of Cancer** 2020, 8:e001052. **München_(9.913)**
1139. Windisch Paul, Röhrich Manuel, Regnery Sebastian, Tonndorf-Martini Eric, Held Thomas, Lang Kristin, Bernhardt Denise, Rieken Stefan, Giesel Frederik, Haberkorn Uwe*, Debus Jürgen*, Adeberg Sebastian*: *Fibroblast Activation Protein (FAP) specific PET for advanced target volume delineation in glioblastoma*. **Radiotherapy and oncology** 2020, 150:159 - 163. **Heidelberg**
1140. Windisch Paul, Zwahlen Daniel R, Koerber Stefan A*, Giesel Frederik L, Debus Jürgen*, Haberkorn Uwe*, Adeberg Sebastian*: *Clinical Results of Fibroblast Activation Protein (FAP) Specific PET and Implications for Radiotherapy Planning: Systematic Review*. **Cancers** 2020, 12:2629. **Heidelberg_(6.126)**
1141. Winkler Ivana*, Bitter Catrin*, Winkler Sebastian, Weichenhan Dieter*, Thavamani Abhishek*, Hengstler Jan G, Borkham-Kamphorst Erawan, Kohlbacher Oliver, Plass Christoph*, Geffers Robert, Weiskirchen Ralf, Nordheim Alfred*: *Identification of Pparγ-modulated miRNA hubs that target the fibrotic tumor microenvironment*. **Proceedings of the National Academy of Sciences of the United States of America** 2020, 117:454-463. **Tübingen_(9.412)**
1142. Winter Susann*, Shoaie Saeed, Kordasti Shahram, Platzbecker Uwe*: *Integrating the 'Immunome' in the Stratification of Myelodysplastic Syndromes and Future Clinical Trial Design*. **Journal of clinical oncology** 2020, 38:1723-1735. **Dresden_(32.956)**
1143. Wirth Matthias, Schick Markus, Keller Ulrich*, Krönke Jan*: *Ubiquitination and Ubiquitin-Like Modifications in Multiple Myeloma: Biology and Therapy*. **Cancers** 2020, 12:3764. **Berlin_(6.126)**
1144. Wistuba-Hamprecht Kilian, Gouttefangeas Cécile*, Weide Benjamin, Pawelec Graham*: *Immune Signatures and Survival of Patients With Metastatic Melanoma, Renal Cancer, and Breast Cancer*. **Frontiers in immunology** 2020, 11:1152. **Tübingen_(5.085)**
1145. Wohlfahrt Patrick, Möhler Christian*, Enghardt Wolfgang*, Krause Mechthild*, Kunath Daniela, Menkel Stefan, Troost Esther*, Greilich Klaus-Steffen*, Richter Christian*: *Refinement of the*

- Hounsfield look-up table by retrospective application of patient-specific direct proton stopping-power prediction from dual-energy CT. Medical physics* 2020, 47:1796-1806. **Dresden**
1146. Wohlfahrt Patrick, Richter Christian*: *Status and innovations in pre-treatment CT imaging for Proton therapy. The British journal of radiology* 2020, 93:20190590. **Dresden**
1147. Wolter Katharina, Zender Lars*: *Therapy-induced senescence - an induced synthetic lethality in liver cancer? Nature reviews / Gastroenterology & hepatology* 2020, 17:135-136. **Tübingen_(29.869)**
1148. Wu Lang, Yang Yaohua, Guo Xingyi, Shu Xiao-Ou, Cai Qiuyin, Shu Xiang, Li Bingshan, Tao Ran, Wu Chong, Nikas Jason B, Sun Yanfa, Zhu Jingjing, Roobol Monique J, Giles Graham G, Brenner Hermann*, John Esther M, Clements Judith, Grindedal Eli Marie, Park Jong Y, Stanford Janet L, Kote-Jarai Zsofia, Haiman Christopher A, Eeles Rosalind A, Zheng Wei, Long Jirong, consortium PRACTICAL, Consortium CRUK, Consortium BPC3, Consortium CAPS, Consortium PEGASUS, Eeles Rosalind A, Henderson Brian E, Haiman Christopher A, Kote-Jarai Zsofia, Schumacher Fredrick R, Easton Douglas, Benlloch Sara, Olama Ali Amin Al, Muir Kenneth, Berndt Sonja I, Conti David V, Wiklund Fredrik, Chanock Stephen, Gapstur Susan M, Stevens Victoria L, Tangen Catherine M, Batra Jyotsna, Clements Judith, Gronberg Henrik, Pashayan Nora, Schleutker Johanna, Albanes Demetrius, Weinstein Stephanie, Wolk Alicja, West Catharine, Mucci Lorelei, Cancel-Tassin Géraldine, Koutros Stella, Sorensen Karina Dalsgaard, Grindedal Eli Marie, Neal David E, Hamdy Freddie C, Donovan Jenny L, Travis Ruth C, Hamilton Robert J, Ingles Sue Ann, Rosenstein Barry S, Lu Yong-Jie, Giles Graham G, Kibel Adam S, Vega Ana, Kogevinas Manolis, Penney Kathryn L, Park Jong Y, Stanford Janet L, Cybulski Cezary, Nordestgaard Børge G, Brenner Hermann*, Maier Christiane, Kim Jeri, John Esther M, Teixeira Manuel R, Neuhausen Susan L, De Ruyck Kim, Razack Azad, Newcomb Lisa F, Gamulin Marija, Kaneva Radka, Usmani Nawaid, Claessens Frank, Townsend Paul A, Dominguez Manuela Gago, Roobol Monique J, Menegaux Florence, Khaw Kay-Tee, Cannon-Albright Lisa, Pandha Hardev, Thibodeau Stephen N, Hunter David J, Blot William J, Riboli Elio, Eeles Rosalind A, Kote-Jarai Zsofia, West Catharine, Neal David E, Hamdy Freddie C, Donovan Jenny L, Travis Ruth C, Riboli Elio, Henderson Brian E, Haiman Christopher A, Schumacher Fredrick R, Berndt Sonja I, Chanock Stephen, Gapstur Susan M, Stevens Victoria L, Albanes Demetrius, Weinstein Stephanie, Mucci Lorelei, Koutros Stella, Travis Ruth C, Penney Kathryn L, Hunter David J, Riboli Elio, Wiklund Fredrik, Gronberg Henrik, Berndt Sonja I, Chanock Stephen, Albanes Demetrius, Weinstein Stephanie, Koutros Stella: *An integrative multi-omics analysis to identify candidate DNA methylation biomarkers related to prostate cancer risk. Nature Communications* 2020, 11:3905. **Heidelberg_(12.121)**
1149. Wu Yonghe*, Fletcher Michael*, Gu Zuguang*, Wang Qi*, Costa Barbara Maria*, Bertoni Anna*, Man Ka Hou*, Schlotter Magdalena*, Felsberg Jörg, Mangei Jasmin*, Barbus Martje*, Gaupel Ann-Christin*, Wang Wei*, Weiss Tobias, Eils Roland*, Weller Michael, Liu Haikun*, Reifenberger Guido*, Korshunov Andrey*, Angel Peter*, Lichter Peter*, Herrmann Carl, Radlwimmer Bernhard*: *Glioblastoma epigenome profiling identifies SOX10 as a master regulator of molecular tumour subtype. Nature Communications* 2020, 11:6434. **Essen/Düsseldorf_(12.121)**
1150. Wust Peter, Kortüm Benedikt, Strauss Ulf, Nadobny Jacek, Zschaeck Sebastian, Beck Marcus, Stein Ulrike*, Ghadjar Pirus: *Non-thermal effects of radiofrequency electromagnetic fields. Scientific reports* 2020, 10:13488. **Berlin**
1151. Xia Pu, Dubrovskaya Anna*: *Tumor markers as an entry for SARS-CoV-2 infection? The FEBS journal* 2020, 287:3677-3680. **Dresden**

1152. Xu Chenchen, Markova Mariya, Seebeck Nicole, Loft Anne, Hornemann Silke, Gantert Thomas, Kabisch Stefan, Herz Kathleen, Loske Jennifer, Ost Mario, Coleman Verena, Klauschen Frederick*, Rosenthal Anke, Lange Volker, Machann Jürgen, Klaus Susanne, Grune Tilman, Herzig Stephan, Pivovarov-Ramich Olga, Pfeiffer Andreas F H: *High-protein diet more effectively reduces hepatic fat than low-protein diet despite lower autophagy and FGF21 levels. Liver international* 2020, nn:liv.14596. **Berlin**_(5.175)
1153. Xu Xing*, Fallah Mahdi*, Tian Yu*, Mukama Trasiyas*, Sundquist Kristina, Sundquist Jan, Brenner Hermann*, Kharazmi Elhamalsadat*: *Risk of invasive prostate cancer and prostate cancer death in relatives of patients with prostatic borderline or in situ neoplasia: A nationwide cohort study. Cancer cytopathology* 2020, 126:4371-4378. **Heidelberg**
1154. Yakneen Sergei, Waszak Sebastian M, Group PCAWG Technical Working, Gertz Michael, Korbel Jan O, Consortium PCAWG, Yakneen Sergei, Aminou Brice, Bartolome Javier, Boroevich Keith A, Boyce Rich, Brooks Angela N, Buchanan Alex, Buchhalter Ivo*, Butler Adam P, Byrne Niall J, Cafferkey Andy, Campbell Peter J, Chen Zhaozhong, Cho Sunghoon, Choi Wan, Clapham Peter, Davis-Dusenbery Brandi N, De La Vega Francisco M, Demeulemeester Jonas, Dow Michelle T, Dursi Lewis Jonathan, Eils Juergen, Eils Roland*, Ellrott Kyle, Farcas Claudiu, Favero Francesco, Fayzullaev Nodirjon, Ferretti Vincent, Flicek Paul, Fonseca Nuno A, Gelpi Josep Ll, Getz Gad, Gibson Bob, Grossman Robert L, Harismendy Olivier, Heath Allison P, Heinold Michael C*, Hess Julian M, Hofmann Oliver, Hong Jongwhi H, Hudson Thomas J, Hutter Barbara*, Hutter Carolyn M, Hübschmann Daniel, Imoto Seiya, Ivkovic Sinisa, Jeon Seung-Hyup, Jiao Wei, Jung Jongsun, Kabbe Rolf*, Kahles Andre, Kerssemakers Jules N A*, Kim Hyung-Lae, Kim Hyunghwan, Kim Jihoon, Kim Youngwook, Kleinheinz Kortine*, Koscher Michael*, Koures Antonios, Kovacevic Milena, Lawerenz Chris, Leshchiner Ignaty, Liu Jia, Livitz Dimitri, Mihaiescu George L, Mijalkovic Sanja, Mijalkovic Lazic Ana, Miyano Satoru, Miyoshi Naoki, Nahal-Bose Hardeep K, Nakagawa Hidewaki, Nastic Mia, Newhouse Steven J, Nicholson Jonathan, O'Connor Brian D, Ocana David, Ohi Kazuhiro, Ohno-Machado Lucila, Omberg Larsson, Ouellette B F Francis, Paramasivam Nagarajan*, Perry Marc D, Pihl Todd D, Prinz Manuel Alexander*, Puiggròs Montserrat, Radovic Petar, Raine Keiran M, Rheinbay Esther, Rosenberg Mara, Royo Romina, Rätsch Gunnar, Saksena Gordon, Schlesner Matthias*, Shorser Solomon I, Short Charles, Sofia Heidi J, Spring Jonathan, Stein Lincoln D, Struck Adam J, Tiao Grace, Tjanic Nebojsa, Torrents David, Van Loo Peter, Vazquez Miguel, Vicente David, Wala Jeremiah A, Wang Zhining, Waszak Sebastian M, Weischenfeldt Joachim, Werner Johannes*, Williams Ashley, Woo Youngchoon, Wright Adam J, Xiang Qian, Yang Liming, Yuen Denis, Yung Christina K, Zhang Junjun, Korbel Jan O: *Butler enables rapid cloud-based analysis of thousands of human genomes. Nature biotechnology* 2020, 38:288-292. **Heidelberg**_(36.558)
1155. Yamashita Takahisa, Vollbrecht Claudia*, Hirsch Burkhard, Kleo Karsten, Anagnostopoulos Ioannis, Hummel Michael: *Integrative genomic analysis focused on cell cycle genes for MYC-driven aggressive mature B-cell lymphoma. Journal of clinical and experimental hematopathology* 2020, 60:87 - 96. **Berlin**
1156. Yan Ge, Dawood Mona, Böckers Madeleine, Klauck Sabine M*, Fottner Christian, Weber Matthias M, Efferth Thomas: *Multiple modes of cell death in neuroendocrine tumors induced by artesunate. Phytomedicine* 2020, 79:153332 **Heidelberg**
1157. Yang James Chih-Hsin, Schuler Martin*, Popat Sanjay, The Institute of Cancer Research London, United Kingdom.}, Miura Satoru, Heeke Simon, Park Keunchil, Märten Angela, Kim Edward S: *Afatinib for the Treatment of NSCLC Harboring Uncommon EGFR Mutations: A Database of 693 Cases. Journal of thoracic oncology* 2020, 15:803-815. **Essen/Düsseldorf**_(13.357)

1158. Yang Mingya, Wang Lei, Ni Ming, Neuber Brigitte, Wang Sanmei, Gong Wenjie, Sauer Tim, Sellner Leopold, Schubert Maria-Luisa, Hückelhoven-Krauss Angela, Hong Jian, Zhu Lixin, Kleist Christian, Eckstein Volker, Müller-Tidow Carsten*, Dreger Peter, Schmitt Michael*, Schmitt Anita: *Pre-sensitization of Malignant B Cells Through Venetoclax Significantly Improves the Cytotoxic Efficacy of CD19.CAR-T Cells*. **Frontiers in immunology** 2020, 11:608167. **Heidelberg_(5.085)**
1159. Yang Xin, Song Honglin, Leslie Goska, Engel Christoph, Hahnen Eric, Auber Bernd, Horváth Judit, Kast Karin*, Niederacher Dieter, Turnbull Clare, Houlston Richard, Hanson Helen, Loveday Chey, Dolinsky Jill S, LaDuca Holly, Ramus Susan J, Menon Usha, Rosenthal Adam N, Jacobs Ian, Gayther Simon A, Dicks Ed, Nevanlinna Heli, Aittomäki Kristiina, Pelttari Liisa M, Ehrencrona Hans, Borg Åke, Kvist Anders, Rivera Barbara, Hansen Thomas V O, Djursby Malene, Lee Andrew, Dennis Joe, Bowtell David D, Traficante Nadia, Diez Orland, Balmaña Judith, Gruber Stephen B, Chenevix-Trench Georgia, Investigators kConFab, Jensen Allan, Kjær Susanne K, Høgdall Estrid, Castéra Laurent, Garber Judy, Janavicius Ramunas, Osorio Ana, Golmard Lisa, Vega Ana, Couch Fergus J, Robson Mark, Gronwald Jacek, Domchek Susan M, Culver Julie O, de la Hoya Miguel, Easton Douglas F, Foulkes William D, Tischkowitz Marc, Meindl Alfons, Schmutzler Rita K, Pharoah Paul D P, Antoniou Antonis C: *Ovarian and Breast Cancer Risks Associated With Pathogenic Variants in RAD51C and RAD51D*. **Journal of the National Cancer Institute** 2020, 112:1242 - 1250. **Dresden_(11.577)**
1160. Yang Yaohua, Wu Lang, Shu Xiao-Ou, Cai Qiuyin, Shu Xiang, Li Bingshan, Guo Xingyi, Ye Fei, Michailidou Kyriaki, Bolla Manjeet K, Wang Qin, Dennis Joe, Andrulis Irene L, Brenner Hermann*, Chenevix-Trench Georgia, Campa Daniele, Castelao Jose E, Gago-Dominguez Manuela, Dörk Thilo, Hollestelle Antoinette, Lophatananon Artitaya, Muir Kenneth, Neuhausen Susan L, Olsson Håkan, Sandler Dale P, Simard Jacques, Kraft Peter, Pharoah Paul D P, Easton Douglas F, Zheng Wei, Long Jirong: *Genetically predicted levels of DNA methylation biomarkers and breast cancer risk: data from 228,951 women of European descent*. **Journal of the National Cancer Institute** 2020, 112:295-304. **Heidelberg_(11.577)**
1161. Yap Soo Ann, Münster-Wandowski Agnieszka, Nonnenmacher Anika, Keilholz Ulrich*, Liebs Sandra*: *Analysis of cancer-related mutations in extracellular vesicles RNA by Droplet Digital™ PCR*. **BioTechniques** 2020, 69:99-107. **Berlin**
1162. Yin Limei, Xue Jianxin, Li Rui, Zhou Lin, Deng Lei, Chen Lin, Zhang Yan, Li Yanying, Zhang Xuanwei, Xiu Weigang, Tong Ruizhan, Gong Youling, Huang Meijuan, Xu Yong, Zhu Jiang, Yu Min, Li Mengqian, Lan Jie, Wang Jin, Mo Xianming, Wei Yuquan, Niedermann Gabriele*, Lu You: *Effect of low-dose radiotherapy on abscopal responses to hypofractionated radiotherapy and anti-PD1 in mice and NSCLC patients*. **International journal of radiation oncology, biology, physics** 2020, 108:212-224. **Freiburg_(5.859)**
1163. Yoo Hyunjin, Lee Young Jae, Park Chanhyeok, Son Dabin, Choi Dong Yoon, Park Ji-Hyun, Choi Hee-Jin, La Hyun Woo, Choi Yun-Jung, Moon Eun-Hye, Saur Dieter*, Chung Hyung Min, Song Hyuk, Do Jeong Tae, Jang Hoon, Lee Dong Ryul, Park Chankyu, Lee Ok-Hee, Cho Ssang-Goo, Hong Seok-Ho, Kong Gu, Kim Jin-Hoi, Choi Youngsok, Hong Kwonho: *Epigenetic priming by Dot1l in lymphatic endothelial progenitors ensures normal lymphatic development and function*. **Cell death & disease** 2020, 11:14. **München_(6.304)**
1164. Yosifov Deyan*, Idler Irina*, Bhattacharya Nupur, Reichenzeller Michaela*, Close Viola*, Ezerina Daria*, Scheffold Annika, Jebaraj Billy Michael Chelliah, Kugler Sabrina*, Bloehdorn Johannes, Bahlo Jasmin, Robrecht Sandra, Eichhorst Barbara, Fischer Kirsten, Weigel Anja, Busch Hauke,

- Lichter Peter*, Döhner Hartmut, Dick Tobias P*, Stilgenbauer Stephan, Mertens Daniel*: *Oxidative stress as candidate therapeutic target to overcome microenvironmental protection of CLL*. **Leukemia** 2020, 34:115-127. **Freiburg_(8.665)**
1165. Yu Chuanjiang, Gorantla Sivahari P, Müller-Rudolf Alina*, Müller Tony A, Kreutmair Stefanie, Albers Corinna, Jakob Lena, Lippert Lena J, Yue Zhenyu, Engelhardt Monika, Follo Marie, Zeiser Robert*, Huber Tobias B, Duyster Justus*, Illert Anna L*: *Phosphorylation of BECLIN-1 by BCR-ABL suppresses autophagy in chronic myeloid leukemia*. **Haematologica** 2020, 105:1285 - 1293. **Freiburg_(7.116)**
1166. Yu Haixin*, Raut Janhavi*, Schöttker Ben*, Holleczeck Bernd*, Zhang Yan*, Brenner Hermann*: *Individual and joint contributions of genetic and methylation risk scores for enhancing lung cancer risk stratification: data from a population-based cohort in Germany*. **Clinical epigenetics** 2020, 12:89. **Heidelberg_(5.028)**
1167. Yurttas Can, Fisher Oliver M., Cortés-Guiral Delia, Haen Sebastian P., Königsrainer Ingmar*, Königsrainer Alfred, Beckert Stefan, Liauw Winston, Löffler Markus W.*: *Cytoreductive surgery and HIPEC in colorectal cancer—did we get hold of the wrong end of the stick?* **Magazine of European Medical Oncology** 2020, 13:434–439. **Tübingen**
1168. Zaidi Syed H, Harrison Tabitha A, Phipps Amanda I, Steinfeld Robert, Trinh Quang M, Qu Conghui, Banbury Barbara L, Georgeson Peter, Grasso Catherine S, Giannakis Marios, Adams Jeremy B, Alwers Elizabeth*, Amitay Efrat*, Barfield Richard T, Berndt Sonja I, Borozan Ivan, Brenner Hermann*, Brezina Stefanie, Buchanan Daniel D, Cao Yin, Chan Andrew T, Chang-Claude Jenny*, Connolly Charles M, Drew David A, Farris Alton Brad, Figueiredo Jane C, French Amy J, Fuchs Charles S, Garraway Levi A, Gruber Steve, Guinter Mark A, Hamilton Stanley R, Harlid Sophia, Heisler Lawrence E, Hidaka Akihisa, Hopper John L, Huang Wen-Yi, Huyghe Jeroen R, Jenkins Mark A, Krzyzanowski Paul M, Lemire Mathieu, Lin Yi, Luo Xuemei, Mardis Elaine R, McPherson John D, Miller Jessica K, Moreno Victor, Mu Xinmeng Jasmine, Nishihara Reiko, Papadopoulos Nickolas, Pasternack Danielle, Quist Michael J, Rafikova Adilya, Reid Emma E G, Shinbrot Eve, Shirts Brian H, Stein Lincoln D, Teney Cherie D, Timms Lee, Um Caroline Y, Van Guelpen Bethany, Van Tassel Megan, Wang Xiaolong, Wheeler David A, Yung Christina K, Hsu Li, Ogino Shuji, Gsur Andrea, Newcomb Polly A, Gallinger Steven, Hoffmeister Michael*, Campbell Peter T, Thibodeau Stephen N, Sun Wei, Hudson Thomas J, Peters Ulrike: *Landscape of somatic single nucleotide variants and indels in colorectal cancer and impact on survival*. **Nature Communications** 2020, 11:3644. **Heidelberg_(12.121)**
1169. Zanetti Costanza, Krause Daniela S*: *'Caught in the net' - the extracellular matrix of the bone marrow in normal haematopoiesis and leukaemia*. **Experimental hematology** 2020, 89:13-25. **Frankfurt/Mainz**
1170. Zapatka Marc*, Borozan Ivan, Brewer Daniel S, Iskar Murat*, Grundhoff Adam, Alawi Malik, Desai Nikita, Sülthmann Holger*, Moch Holger, Pathogens PCAWG, Cooper Colin S, Eils Roland*, Ferretti Vincent, Lichter Peter*, Consortium PCAWG, Alawi Malik, Borozan Ivan, Brewer Daniel S, Cooper Colin S, Desai Nikita, Eils Roland*, Ferretti Vincent, Grundhoff Adam, Iskar Murat*, Kleinheinz Kortine, Lichter Peter*, Nakagawa Hidewaki, Ojesina Akinyemi I, Pedomallu Chandra Sekhar, Schlesner Matthias*, Su Xiaoping, Zapatka Marc*: *The landscape of viral associations in human cancers*. **Nature genetics** 2020, 52:320-330. **Heidelberg_(27.605)**
1171. Zaragoza Francisco J, Eichmann Marion, Flühs Dirk, Timmermann Beate*, Brualla Lorenzo: *Monte Carlo Computation of Dose-Volume Histograms in Structures at Risk of an Eye Irradiated with Heterogeneous Ruthenium-106 Plaques*. **Ocular oncology and pathology** 2020, 6:353 - 359.

Essen/Düsseldorf

1172. Zarembo Anne*, Zimmer Lisa*, Chorti Eleftheria*, Reissig Timm M., Bauer Sebastian, Podleska Lars E., Schulz Andrea*, Hadaschik Eva*, Griewank Klaus*, Roesch Alexander*, Schadendorf Dirk*, Livingstone Elisabeth*: *Fatal swelling of the groin – Clear cell sarcoma: a rare but important differential diagnosis to malignant melanoma*. **Journal der Deutschen Dermatologischen Gesellschaft** 2020, 18:1165-1168. **Essen/Düsseldorf**
1173. Zarembo Anne*, Zimmer Lisa*, Chorti Eleftheria*, Reissig Timm M., Bauer Sebastian, Podleska Lars E., Schulz Andrea*, Hadaschik Eva*, Griewank Klaus*, Roesch Alexander*, Schadendorf Dirk*, Livingstone Elisabeth*: *Tödliche Schwellung der Leiste - Klarzellsarkom: eine seltene, aber wichtige Differenzialdiagnose zum malignen Melanom*. **Journal der Deutschen Dermatologischen Gesellschaft** 2020, 18:1165 - 1168. **Heidelberg**
1174. Zellmer Johannes, Yen Hsi-Yu*, Kaiser Lena, Mille Erik, Gildehaus Franz Josef, Böning Guido, Steiger Katja, Hacker Marcus, Bartenstein Peter, Todica Andrei, Haug Alexander R, Ilhan Harun: *Toxicity of a combined therapy using the mTOR-inhibitor everolimus and PRRT with [177Lu]Lu-DOTA-TATE in Lewis rats*. **EJNMMI Research** 2020, 10:41. **München**
1175. Zhan Tianzuo*, Belle Sebastian, Valentini Erica*, Herrmann Simon, Miersch Thilo*, Li Moying, Gaiser Timo, Boutros Michael*, Ebert Matthias P, Betge Johannes*: *Cancer-Associated Mutations in Normal Colorectal Mucosa Adjacent to Sporadic Neoplasia*. **Clinical and translational gastroenterology** 2020, 11:e00212 **Heidelberg**
1176. Zhang Congcong*, Ötjengerdes Rina M, Roewe Julian*, Mejias Rebeca, Marschall Andrea L J: *Applying Antibodies Inside Cells: Principles and Recent Advances in Neurobiology, Virology and Oncology*. **BioDrugs** 2020, 34:435-462. **Frankfurt/Mainz, Heidelberg** (5.313)
1177. Zhang Xuanwei, Liu Shuo, Zhao Xu, Shi Xiaobo, Li Jing, Guo Jia, Niedermann Gabriele*, Luo Ren, Zhang Xiaozhi: *Magnetic resonance imaging-based radiomic features for extrapolating infiltration levels of immune cells in lower-grade gliomas*. **Strahlentherapie und Onkologie** 2020, 196:913-921. **Freiburg**
1178. Zhang Xin*, Zegar Tim*, Lucas Anaïs*, Morrison-Smith Chevaun, Knox Tatiana, French Christopher A, Knapp Stefan*, Müller Susanne, Siveke Jens*: *Therapeutic targeting of p300/CBP HAT domain for the treatment of NUT midline carcinoma*. **Oncogene** 2020, 39:4770-4779. **Essen/Düsseldorf, Frankfurt/Mainz** (7.971)
1179. Zhang Xin*, Zegar Tim*, Weiser Tim*, Hamdan Feda H., Berger Benedict-Tilman, Lucas Romain*, Balourdas Dimitrios-Ilias, Ladigan Swetlana, Cheung Phyllis F. *, Liffers Sven-Thorsten*, Trajkovic-Arsic Marija*, Scheffler Bjoern*, Joerger Andreas C. *, Hahn Stephan A., Johnsen Steven A., Knapp Stefan*, Siveke Jens*: *Characterization of a dual BET / HDAC inhibitor for treatment of pancreatic ductal adenocarcinoma*. **International journal of cancer** 2020, 147:2847-2861. **Essen/Düsseldorf, Frankfurt/Mainz** (5.145)
1180. Zhang Yan, Bewerunge-Hudler Melanie*, Schick Matthias*, Burwinkel Barbara*, Herpel Esther, Hoffmeister Michael*, Brenner Hermann*: *Blood-derived DNA methylation predictors of mortality discriminate tumor and healthy tissue in multiple organs*. **Molecular oncology** 2020, 14:2111-2123. **Heidelberg** (6.574)
1181. Zhen Junjie, Wen Lei, Lai Mingyao, Zhou Zhaoming, Shan Changguo, Li Shaoqun, Lin Tao, Wu Jie, Wang Wensheng, Xu Shaoqiang, Liu Da, Lu Ming, Zhu Dan, Chen Longhua, Cai Linbo, Zhou Cheng*: *Whole brain radiotherapy (WBRT) for leptomeningeal metastasis from NSCLC in the era*

- of targeted therapy: a retrospective study. Radiation oncology* 2020, 15:185. **Heidelberg**
1182. Zheng Guoqiao*, Catalano Calogerina*, Bandapalli Obul Reddy*, Paramasivam Nagarajan, Chattopadhyay Subhayan*, Schlesner Matthias*, Sijmons Rolf, Hemminki Akseli, Dymerska Dagmara, Lubinski Jan, Hemminki Kari*, Försti Asta*: *Cancer Predisposition Genes in Cancer-Free Families. Cancers* 2020, 12:2770 **Heidelberg**_(6.126)
 1183. Zheng Guoqiao*, Sundquist Kristina, Sundquist Jan, Försti Asta*, Hemminki Akseli, Hemminki Kari*: *Incidence Differences Between First Primary Cancers and Second Primary Cancers Following Skin Squamous Cell Carcinoma as Etiological Clues. Clinical epidemiology* 2020, 12:857 - 864. **Heidelberg**
 1184. Zheng Guoqiao*, Sundquist Kristina, Sundquist Jan, Försti Asta*, Hemminki Akseli, Hemminki Kari*: *Rate differences between first and second primary cancers may outline immune dysfunction as a key risk factor. Cancer medicine* 2020, 9:8258-8265. **Heidelberg**
 1185. Zhu Lei, Hissa Barbara, Györfy Balázs, Jann Johann-Christoph, Yang Cui, Reissfelder Christoph, Schölch Sebastian*: *Characterization of Stem-like Circulating Tumor Cells in Pancreatic Cancer. Diagnostics* 2020, 10:305 -. **Heidelberg**
 1186. Ziegelmayr Sebastian, Kaissis Georgios, Harder Felix, Jungmann Friederike, Müller Tamara, Makowski Marcus, Braren Rickmer*: *Deep Convolutional Neural Network-Assisted Feature Extraction for Diagnostic Discrimination and Feature Visualization in Pancreatic Ductal Adenocarcinoma (PDAC) versus Autoimmune Pancreatitis (AIP). Journal of Clinical Medicine* 2020, 9:4013 **München**
 1187. Zietek Tamara, Giesbertz Pieter, Ewers Maren, Reichart Florian, Weinmüller Michael, Urbauer Elisabeth, Haller Dirk, Demir Ihsan Ekin*, Ceyhan Güralp O, Kessler Horst, Rath Eva: *Organoids to Study Intestinal Nutrient Transport, Drug Uptake and Metabolism - Update to the Human Model and Expansion of Applications. Frontiers in Bioengineering and Biotechnology* 2020, 8:577656. **München**
 1188. Zikmund Tomas, Paszekova Helena, Kokavec Juraj, Kerbs Paul*, Thakur Shefali, Turkova Tereza, Tauchmanova Petra, Greif Philipp A*, Stopka Tomas: *Loss of ISWI ATPase SMARCA5 (SNF2H) in Acute Myeloid Leukemia Cells Inhibits Proliferation and Chromatid Cohesion. International journal of molecular sciences* 2020, 21:E2073 -. **München**
 1189. Zimmer Lisa, Livingstone Elisabeth, Hassel Jessica C, Fluck Michael, Eigentler Thomas, Loquai Carmen, Haferkamp Sebastian, Gutzmer Ralf, Meier Friedegund, Mohr Peter, Hauschild Axel, Schilling Bastian, Menzer Christian, Kieker Felix, Dippel Edgar, Rösch Alexander*, Simon Jan-Christoph, Conrad Beate, Körner Silvia, Windemuth-Kieselbach Christine, Schwarz Leonora, Garbe Claus, Becker Jürgen C*, Schadendorf Dirk*, Group Dermatologic Cooperative Oncology, Berking Carola, Herbst Rudolf A, Martens Uwe M, Sell Sabine, Stadler Rudolf, Terheyden Patrick, Utikal Jochen*: *Adjuvant nivolumab plus ipilimumab or nivolumab monotherapy versus placebo in patients with resected stage IV melanoma with no evidence of disease (IMMUNED): a randomised, double-blind, placebo-controlled, phase 2 trial. The lancet <London>* 2020, 395:1558 - 1568. **Essen/Düsseldorf**_(60.392)
 1190. Zimmer Yitzhak, Reinhardt Hans Christian*, Medová Michaela: *Editorial: Exploiting DNA Damage Response in the Era of Precision Oncology. Frontiers in oncology* 2020, 10:611127. **Essen/Düsseldorf**
 1191. Zippel Claus, Ronski Sarah C, Bohnet-Joschko Sabine, Giesel Frederik L*, Kopka Klaus*: *Current*

Status of PSMA-Radiotracers for Prostate Cancer: Data Analysis of Prospective Trials Listed on ClinicalTrials.gov. **Pharmaceuticals** 2020, 13:12. **Dresden**

1192. Zirngibl Felix, Flemmig Carina, Lang Peter, Künkele Annette*, Eggert Angelika*, Schulte Johannes*, Deubzer Hedwig E*: *Sinusoidal Obstruction Syndrome Following Myeloablative Therapy and Tranexamic Acid Treatment for Hemorrhage in Two Patients with Neuroblastoma.* **Children** 2020, 7:198. **Berlin**
1193. Zschaecck Sebastian*, Li Yimin, Bütof Rebecca, Lili Chen, Hua Wu, Troost Esther Cg*, Beck Marcus, Amthauer Holger, Kaul David, Kotzerke Jörg*, Baur Alexander Dj, Ghadjar Pirus, Baumann Michael*, Krause Mechthild*, Hofheinz Frank: *Combined tumor plus non-tumor interim FDG-PET parameters are prognostic for response to chemoradiation in squamous cell esophageal cancer.* **International journal of cancer** 2020, 147:1427-1436. **Dresden_(5.145)**
1194. Zschaecck Sebastian*, Löck Steffen*, Hofheinz Frank, Zips Daniel*, Saksø Mortensen Lise, Zöphel Klaus*, Troost Esther G C*, Boeke Simon, Saksø Mette, Mönnich David, Seidlitz Annekatrin*, Johansen Jørgen, Skripcak Tomas*, Gregoire Vincent, Overgaard Jens, Baumann Michael*, Krause Mechthild*: *Individual patient data meta-analysis of FMISO and FAZA hypoxia PET scans from head and neck cancer patients undergoing definitive radio-chemotherapy.* **Radiotherapy and oncology** 2020, 149:189 - 196. **Tübingen, Dresden**
1195. Zschaecck Sebastian*, Zöphel Klaus*, Seidlitz Annekatrin*, Zips Daniel*, Kotzerke Jörg*, Baumann Michael*, Troost Esther*, Löck Steffen*, Krause Mechthild*: *Generation of biological hypotheses by functional imaging links tumor hypoxia to radiation induced tissue inflammation/glucose uptake in head and neck cancer.* **Radiotherapy and oncology** 2020, 155:204 - 211. **Dresden, Tübingen**
1196. Zurli Vanessa, Montecchi Tommaso, Heilig Raphael, Poschke Isabel*, Volkmar Michael*, Wimmer Giuliana, Boncompagni Gioia, Turacchio Gabriele, D'Elios Mario Milco, Campoccia Giuseppe, Resta Nicoletta, Offringa Rienk*, Fischer Roman, Acuto Oreste, Baldari Cosima Tatiana, Kabanova Anna: *Phosphoproteomics of CD2 signaling reveals AMPK-dependent regulation of lytic granule polarization in cytotoxic T cells.* **Science signaling** 2020, 13:eaaz1965 -. **Heidelberg_(6.467)**
1197. Zwanenburg-Bezemer Alexander Adriaan*, Vallières Martin, Abdalah Mahmoud A, Aerts Hugo J W L, Andrearczyk Vincent, Apte Aditya, Ashrafinia Saeed, Bakas Spyridon, Beukinga Roelof J, Boellaard Ronald, Bogowicz Marta, Boldrini Luca, Buvat Irène, Cook Gary J R, Davatzikos Christos, Depeursinge Adrien, Desseroit Marie-Charlotte, Dinapoli Nicola, Dinh Cuong Viet, Echegaray Sebastian, El Naqa Issam, Fedorov Andriy Y, Gatta Roberto, Gillies Robert J, Goh Vicky, Götz Michael*, Guckenberger Matthias, Ha Sung Min, Hatt Mathieu, Isensee Fabian, Lambin Philippe, Leger Stefan*, Leijenaar Ralph T H, Lenkowicz Jacopo, Lippert Fiona, Losnegård Are, Maier-Hein Klaus H, Morin Olivier, Müller Henning, Napel Sandy, Nioche Christophe, Orlhac Fanny, Pati Sarthak, Pfaehler Elisabeth A G, Rahmim Arman, Rao Arvind U K, Scherer Jonas, Siddique Muhammad Musib, Sijtsema Nanna M, Socarras Fernandez Jairo, Spezi Emiliano, Steenbakkers Roel J H M, Tanadini-Lang Stephanie, Thorwarth Daniela, Troost Esther G C, Upadhyaya Taman, Valentini Vincenzo, van Dijk Lisanne V, van Griethuysen Joost, van Velden Floris H P, Whybra Philip, Richter Christian, Löck Steffen: *The Image Biomarker Standardization Initiative: Standardized Quantitative Radiomics for High-Throughput Image-based Phenotyping.* **Radiology** 2020, 295:328-338. **Dresden_(7.931)**