

DKTK Publikationen Januar – Dezember 2022

Im Folgenden werden die **1446** ISI- oder SCOPUS-referierten Publikationen mit DKTK Affiliation von Wissenschaftlern des Kernzentrums sowie der DKTK Partnerstandorte in alphabetischer Reihenfolge, Angabe des Impaktfaktors (IF) vom Jahr 2021 und Standortzuordnung (Bezug: DKTK-affiliiierende Wissenschaftler) aufgeführt (Stand 31.03.2023). Keine IF-Angabe (nn) bedeutet, dass es keinen IF-Wert gibt (Publikationen stammen aus der Datenbank SCOPUS oder sind für Ermittlungen eines IF noch zu neu).

1. Acker Fabian, Aguinarte Lukas, Althoff Friederike, Heinzen Sophie, Rost Maximilian, Wild Peter, Reiser Lena, Mänz Martin, Meyer Frauke, Stratmann Jan, Sebastian Martin*: *Study Design and Rationale for the PACE-LUNG Trial: A Multicenter, Single-Arm, Phase II Clinical Trial Evaluating the Efficacy of Additional Chemotherapy for Patients with EGFRm NSCLC with the Continued Presence of Plasma ctDNA EGFRm at Week 3 After Start of Osimertinib First-Line Treatment*. **Clinical lung cancer** 2022, nn:nn. **FM01_**(4,840)
2. Adebahr Sonja*, Bernhardt Denise: *Opportunities and limitations of fractionated stereotactic body radiotherapy for stage I/II non-small-cell lung cancer.[Chancen und Grenzen der stereotaktisch fraktionierten Hochpräsenzbestrahlung beim nichtkleinzelligen Lungenkarzinom im Stadium I/II.]*. **Die Onkologie** 2022, 28:1051-1058. **FR01_**(nn)
3. Adeberg Sebastian*, Knoll Maximilian*, Koelsche Christian*, Bernhardt Denise*, Schrimpf Daniel*, Sahm Felix*, König Laila*, Harrabi Semi Ben*, Hörner-Rieber Juliane*, Verma Vivek, Bewerunge-Hudler Melanie*, Unterberg Andreas*, Sturm Dominik*, Jungk Christine*, Herold-Mende Christel*, Wick Wolfgang*, von Deimling Andreas*, Debus Juergen*, Rieken Stefan*, Abdollahi Amir*: *DNA-methylome-assisted classification of patients with poor prognostic subventricular zone associated IDH-wildtype glioblastoma*. **Acta neuropathologica** 2022, 144:129-142. **HD01, E050, E210, B300, B360, W110_**(15,887)
4. Ademaj Adela, Veltsista Paraskevi D, Marder Dietmar, Hälgl Roger A, Puric Emsad, Brunner Thomas B, Crezee Hans, Gabrys Dorota, Franckena Martine, Gani Cihan, Horsman Michael R, Krempien Robert, Lindner Lars H, Maluta Sergio, Notter Markus, Petzold Griseldis, Abdel-Rahman Sultan, Richetti Antonella, Thomsen Andreas R*, Tsoutsou Pelagia, Fietkau Rainer, Ott Oliver J, Ghadjar Pirus, Riesterer Oliver: *A patterns of care analysis of hyperthermia in combination with radio(chemo)therapy or chemotherapy in European clinical centers*. **Strahlentherapie und Onkologie** 2022, nn:nn. **FR01_**(4,033)
5. Aftahy Amir Kaywan, Barz Melanie, Lange Nicole, Baumgart Lea, Thunstedt Cem, Eller Mario Antonio, Wiestler Benedikt, Bernhardt Denise, Combs Stephanie E*, Jost Philipp J, Delbridge Claire, Liesche-Starnecker Friederike, Meyer Bernhard, Gempt Jens: *The Impact of Postoperative Tumor Burden on Patients With Brain Metastases*. **Frontiers in oncology** 2022, 12:869764. **MU01_**(5,738)

6. Aftahy Amir Kaywan, Jörger Ann-Kathrin, Hillebrand Sandra, Harder Felix N, Wiestler Benedikt, Bernhardt Denise*, Combs Stephanie E*, Meyer Bernhard, Negwer Chiara, Gempt Jens: *The Bigger the Better? Analysis of Surgical Complications and Outcome of the Retrosigmoid Approach in 449 Oncological Cases*. **Frontiers in oncology** 2022, 12:938703. **MU01_(5,738)**

7. Ahearn Thomas U., Zhang Haoyu, Michailidou Kyriaki, Milne Roger L., Bolla Manjeet K., Dennis Joe, Dunning Alison M., Lush Michael, Wang Qin, Andrulis Irene L., Anton-Culver Hoda, Arndt Volker*, Aronson Kristan J., Auer Paul L., Augustinsson Annelie, Baten Adinda, Becher Heiko, Behrens Sabine*, Benitez Javier, Bermisheva Marina, Blomqvist Carl, Bojesen Stig E., Bonanni Bernardo, Børresen-Dale Anne-Lise, Brauch Hiltrud*, Brenner Hermann*, Brooks-Wilson Angela, Brüning Thomas, Burwinkel Barbara*, Buys Sandra S., Canzian Federico*, Castela Jose E., Chang-Claude Jenny*, Chanock Stephen J., Chenevix-Trench Georgia, Clarke Christine L., Sahlberg Kristine K., 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, Collée J. Margriet, Cox Angela, Cross Simon S., Czene Kamila, Daly Mary B., Devilee Peter, Dörk Thilo, Dwek Miriam, Eccles Diana M., Evans D. Gareth, Fasching Peter A., Figueroa Jonine, Floris Giuseppe, Gago-Dominguez Manuela, Gapstur Susan M., García-Sáenz José A., Gaudet Mia M., Giles Graham G., Goldberg Mark S., González-Neira Anna, Alnæs Grethe I. Grenaker, Grip Mervi, Guénel Pascal, Haiman Christopher A., Hall Per, Hamann Ute*, Harkness Elaine F., Heemskerk-Gerritsen Bernadette A. M., Holleczer Bernd, Hollestelle Antoinette, Hoening Maartje J., Hoover Robert N., Hopper John L., Howell Anthony, Clarke Christine, Balleine Rosemary, Baxter Robert, Braye Stephen, Carpenter Jane, Dahlstrom Jane, Forbes John, Lee CSoon, Marsh Deborah, Morey Adrienne, Pathmanathan Nirmala, Scott Rodney, Simpson Peter, Spigelman Allan, Wilcken Nicholas, Yip Desmond, Zeps Nikolajs, Fox Stephen, Campbell Ian, Bowtell David, Chenevix-Trench Georgia, Spurdle Amanda, Webb Penny, de Fazio Anna, Tassell Margaret, Kirk Judy, Lindeman Geoff, Price Melanie, Southey Melissa, Milne Roger, Deb Sid, Jakimovska Milena, Jakubowska Anna, John Esther M., Jones Michael E., Jung Audrey*, Kaaks Rudolf*, Kauppila Saila, Keeman Renske, Khusnutdinova Elza, Kitahara Cari M., Ko Yon-Dschun, Koutros Stella, Kristensen Vessela N., Krüger Ute, Kubelka-Sabit Katerina, Kurian Allison W., Kyriacou Kyriacos, Lambrechts Diether, Lee Derrick G., Lindblom Annika, Linet Martha, Lissowska Jolanta, Llaneza Ana, Lo Wing-Yee, MacInnis Robert J., Mannermaa Arto, Manooch Mehdi*, Margolin Sara, Martinez Maria Elena, McLean Catriona, Meindl Alfons, Menon Usha, Nevanlinna Heli, Newman William G., Nodora Jesse, Offit Kenneth, Olsson Håkan, Orr Nick, Park-Simon Tjoung-Won, Patel Alpa V., Peto Julian, Pita Guillermo, Plaseska-Karanfilska Dijana, Prentice Ross, Punie Kevin, Pylkäs Katri, Radice Paolo, Rennert Gad, Romero Atocha, Rüdiger Thomas, Saloustros Emmanouil, Sampson Sarah, Sandler Dale P., Sawyer Elinor J., Schmutzler Rita K., Schoemaker Minouk J., Schöttker Ben*, Sherman Mark E., Shu Xiao-Ou, Smichkoska Snezhana, Southey Melissa C., Spinelli John J., Swerdlow Anthony J., Tamimi Rulla M., Tapper William J., Taylor Jack A., Teras Lauren R., Terry Mary Beth, Torres Diana, Troester Melissa A., Vachon Celine M., van Deurzen Carolien H. M., van Veen Elke M., Wagner Philippe, Weinberg Clarice R., Wendt Camilla, Wesseling Jelle, Winqvist Robert, Wolk Alicja, Yang Xiaohong R., Zheng Wei, Couch Fergus J., Simard Jacques, Kraft Peter, Easton Douglas F., Pharoah Paul D. P., Schmidt Marjanka K., García-Closas Montserrat, Chatterjee Nilanjan: *Common variants in breast cancer risk loci predispose to distinct tumor subtypes*. **Breast cancer research** 2022, 24:2. **C071, C020, TU01, HD01, C070, C120, C080, C055, B072, B070_(8,408)**

8. Ahmad Khalil Dalia*, Jazmati Danny*, Geismar Dirk*, Wulff Jörg*, Bäumer Christian*, Kramer Paul Heinz*, Steinmeier Theresa*, Schulze Schleithoff Stefanie*, Plaude Sandija*, Bischoff Martin*, Tschirdewahn Stephan*, Hadaschik Boris, Timmermann Beate*: *Dosimetric feasibility of moderately hypofractionated/dose escalated radiation therapy for localised prostate cancer with intensity-modulated proton beam therapy using simultaneous integrated boost (SIB-IMPT) and impact of hydrogel prostate-rectum spacer*. **Radiation oncology** 2022, 17:64. **ED01_(4,309)**

9. Aichele Peter, Neumann-Haefelin Christoph, Ehl Stephan, Thimme Robert, Cathomen Toni, Boerries Melanie*, Hofmann Maïke: *Immunopathology caused by impaired CD8+ T-cell responses*. **European journal of immunology** 2022, 52:1390-1395. **FR01_(6,688)**

10. Aires Vanessa, Ziegler-Walldkirch Stephanie, Friesen Marina, Reichardt Wilfried*, Erny Daniel, Loreth Desiree, Harborne Andrew, Kretz Oliver, von Elverfeldt Dominik, Meyer-Luehmann Melanie: *Seed-induced A β deposits in the corpus callosum disrupt white matter integrity in a mouse model of Alzheimer's disease*. **Frontiers in cellular neuroscience** 2022, 16:862918. **FR01_(6,147)**

11. Akagbosu Blossom, Tayyebi Zakieh, Shibu Gayathri, Paucar Iza Yoselin A, Deep Deeksha, Parisotto Yollanda Franco, Fisher Logan, Pasolli H Amalia, Thevin Valentin, Elmentaite Rasa, Knott Maximilian, Hemmers Saskia, Jahn Lorenz, Friedrich Christin, Verter Jacob, Wang Zhong-Min, van den Brink Marcel, Gasteiger Georg, Grünewald Thomas*, Marie Julien C, Leslie Christina, Rudensky Alexander Y, Brown Chrysothemis C: *Novel antigen presenting cell imparts Treg-dependent tolerance to gut microbiota*. **Nature <London>** 2022, nn:nn. **B410, HD01_(69,504)**

12. Aktories Philipp, Petry Philippe, Glatz Paulo, Andrieux Geoffroy, Oschwald Alexander, Botterer Hannah, Gorka Oliver, Erny Daniel, Boerries Melanie*, Henneke Philipp, Groß Olaf, Prinz Marco, Kierdorf Katrin: *An improved organotypic cell culture system to study tissue-resident macrophages ex vivo*. **Cell reports / Methods** 2022, 2:100260. **FR01_(nn)**

13. Albinger Nawid, Pfeifer Rita, Nitsche Marcus, Mertlitz Sarah, Campe Julia, Stein Katja, Kreyenberg Hermann, Schubert Ralf, Quadflieg Melissa, Schneider Dina, Kühn Michael W M, Penack Olaf*, Zhang Congcong, Möker Nina, Ullrich Evelyn*: *Primary CD33-targeting CAR-NK cells for the treatment of acute myeloid leukemia*. **Blood cancer journal** 2022, 12:61. **BE01, FM01_(9,812)**

14. Alborzinia Hamed*, Flórez Andrés F*, Kreth Sina*, Brückner Lena*, Yildiz Umut*, Gartlgruber Moritz*, Odoni Dorett I*, Poschet Gernot, Garbowicz Karolina*, Shao Chunxuan*, Klein Corinna*, Meier Jasmin*, Zeisberger Petra*, Nadler-Holly Michal, Ziehm Matthias, Paul Franziska, Burhenne Jürgen, Bell Emma*, Shaikhkarami Marjan, Würth Roberto*, Stainczyk Sabine*, Wecht Elisa M*, Kreth Jochen*, Büttner Michael, Ishaque Naveed, Schlesner Matthias*, Nicke Barbara, Stresemann Carlo, Llamazares-Prada María, Reiling Jan H, Fischer Matthias, Amit Ido, Selbach Matthias, Herrmann Carl*, Wölfl Stefan, Henrich Kai-Oliver*, Höfer Thomas*, Trumpp Andreas*, Westermann Frank*: *MYCN mediates cysteine addiction and sensitizes neuroblastoma to ferroptosis*. **Nature cancer** 2022, 3:471 - 485. **A010, B086, B087, W610, B370, HD01_(23,177)**

15. Albrecht Lea Jessica*, Höwner Anna*, Griewank Klaus*, Lueong Smiths S*, von Neuhoff Nils,

- Horn Peter A, Sucker Antje*, Paschen Annette*, Livingstone Elisabeth*, Ugurel Selma*, Zimmer Lisa*, Horn Susanne*, Siveke Jens*, Schadendorf Dirk*, Váraljai Renáta*, Roesch Alexander*: *Circulating cell-free messenger RNA enables non-invasive pan-tumour monitoring of melanoma therapy independent of the mutational genotype*. **Clinical and translational medicine** 2022, 12:e1090. **ED01_(8,554)**
16. Aldo Nader, Biavati Federico, Dewey Marc*, Hennemuth Anja, Asbach Patrick, Sack Ingolf: *Fully automated quantification of in vivo viscoelasticity of prostate zones using magnetic resonance elastography with Dense U-net segmentation*. **Scientific reports** 2022, 12:2001. **BE01_(4,997)**
 17. Alig Annabel H S, Heinemann Volker*, Geissler Michael, Fischer von Weikersthal Ludwig, Decker Thomas, Heinrich Kathrin, Held Swantje, Weiss Lena, Fischer Laura E, Moosmann Nicolas, Stahler Arndt, Jelas Ivan, Kurreck Annika, von Einem Jobst C, Reinacher-Schick Anke C, Tannapfel Andrea, Giessen-Jung Clemens, Stintzing Sebastian, Modest Dominik P: *Exact Primary Tumor Location in mCRC: Prognostic Value and Predictive Impact on Anti-EGFR mAb Efficacy*. **Cancers** 2022, 14:526. **MU01_(6,575)**
 18. Almeida Thais, Schroth Werner, Nardin Jeanine, Mürdter Thomas E., Winter Stefan, Picoletto Solane, Hoppe Reiner, Kogin Jenifer, Gaio Elisa, Dasenbrock Angela, Skrsypcsak Raquel Cristina, de Noronha Lucia, Schwab Matthias*, Brauch Hiltrud*, Casali-da-Rocha José Claudio: *(Z)-Endoxifen and Early Recurrence of Breast Cancer: An Explorative Analysis in a Prospective Brazilian Study*. **Journal of Personalized Medicine** 2022, 12:511. **TU01_(3,508)**
 19. Álvarez-Varela Adrián, Novellademunt Laura, Barriga Francisco M., Hernando-Momblona Xavier, Cañellas-Socias Adrià, Cano-Crespo Sara, Sevillano Marta, Cortina Carme, Stork Diana, Morral Clara, Turon Gemma, Slebe Felipe, Jiménez-Gracia Laura, Caratù Ginevra, Jung Peter*, Stassi Giorgio, Heyn Holger, Tauriello Daniele V. F., Mateo Lidia, Tejpar Sabine, Sancho Elena, Stephan-Otto Attolini Camille, Batlle Eduard: *Mex3a marks drug-tolerant persister colorectal cancer cells that mediate relapse after chemotherapy*. **Nature cancer** 2022, 3:1052-1070. **MU01_(23,177)**
 20. Alves Joao M, Prado-López Sonia, Tomás Laura, Valecha Monica, Estévez-Gómez Nuria, Alvariño Pilar, Geissel Dominik, Modest Dominik Paul, Sauer Igor M, Pratschke Johann, Raschok Nathanael, Sers Christine*, Mamlouk Soufafa*, Posada David: *Clonality and timing of relapsing colorectal cancer metastasis revealed through whole-genome single-cell sequencing*. **Cancer letters** 2022, 543:215767. **BE01_(9,756)**
 21. Alwers Elizabeth*, Kather Jakob N, Kloor Matthias*, Brobeil Alexander, Tagscherer Katrin E, Roth Wilfried, Echle Amelie, Amitay Efrat*, Chang-Claude Jenny*, Brenner Hermann*, Hoffmeister Michael*: *Validation of the prognostic value of CD3 and CD8 cell densities analogous to the Immunoscore® by stage and location of colorectal cancer: an independent patient cohort study*. **The journal of pathology: clinical research** 2022, nn:nn. **C070, F210, C020, HD01, C120_(4,373)**
 22. AlZahmi Amal, Cenzer Irena, Mansmann Ulrich, Ostermann Helmut, Theurich Sebastian*, Schleinkofer Tobias, Berger Karin: *Usability of German hospital administrative claims data for healthcare research: General assessment and use case of multiple myeloma in Munich university hospital in 2015-2017*. **PLOS ONE** 2022, 17:e0271754. **MU01_(3,752)**

23. Amer Hoda T, Stein Ulrike*, El Tayebi Hend M: *The Monocyte, a Maestro in the Tumor Microenvironment (TME) of Breast Cancer*. **Cancers** 2022, 14:5460. **BE01_(6,575)**
24. Amitay Efrat*, Niedermaier Tobias*, Alwers Elizabeth*, Chang-Claude Jenny*, Hoffmeister Michael*, Brenner Hermann*: *Reproductive factors and colorectal cancer risk: A Population-based case-control study*. **JNCI cancer spectrum** 2022, 6:pkac042. **C070, C020, C120, HD01_(nn)**
25. Amrhein Jennifer Alisa, Berger Lena Marie, Tjaden Amelie, Krämer Andreas*, Elson Lewis, Tolvanen Tuomas, Martinez-Molina Daniel, Kaiser Astrid, Schubert-Zsilavec Manfred, Müller Susanne, Knapp Stefan*, Hanke Thomas: *Discovery of 3-Amino-1H-pyrazole-Based Kinase Inhibitors to Illuminate the Understudied PCTAIRE Family*. **International journal of molecular sciences** 2022, 23:14834. **FM01_(6,208)**
26. Andratschke Nicolaus, Willmann Jonas, Appelt Ane L, Alyamani Najlaa, Balermipas Panagiotis, Baumert Brigitta G, Hurkmans Coen, Høyer Morten, Langendijk Johannes A, Kaidar-Person Orit, van der Linden Yvette, Meattini Icro, Niyazi Maximilian*, Reynaert Nick, De Ruysscher Dirk, Tanadini-Lang Stephanie, Hoskin Peter, Poortmans Philip, Nieder Carsten: *European Society for Radiotherapy and Oncology and European Organisation for Research and Treatment of Cancer consensus on re-irradiation: definition, reporting, and clinical decision making*. **The lancet <London> / Oncology** 2022, 23:e469 - e478. **MU01_(54,433)**
27. Andresen Carolin*, Boch Tobias*, Gegner Hagen M, Mechtel Nils, Narr Andreas*, Birgin Emrullah, Rasbach Erik, Rahbari Nuh, Trumpp Andreas*, Poschet Gernot, Hübschmann Daniel*: *Comparison of extraction methods for intracellular metabolomics of human tissues*. **Frontiers in molecular biosciences** 2022, 9:932261. **A010, A420, HD01_(6,113)**
28. Anjos-Afonso Fernando, Buettner Florian*, Mian Syed A, Rhys Hefin, Perez-Lloret Jimena, Garcia-Albornoz Manuel, Rastogi Namrata, Ariza-McNaughton Linda, Bonnet Dominique: *Single cell analyses identify a highly regenerative and homogenous human CD34+ hematopoietic stem cell population*. **Nature Communications** 2022, 13:2048. **FM01_(17,694)**
29. Antuamwine Benedict Boateng, Bosnjakovic Rebeka, Hofmann-Vega Francisca, Wang Xi, Theodosiou Theodosios, Iliopoulos Ioannis, Brandau Sven*: *N1 versus N2 and PMN-MDSC: A critical appraisal of current concepts on tumor-associated neutrophils and new directions for human oncology*. **Immunological reviews** 2022, nn:nn. **ED01_(10,983)**
30. Appay Romain, Bielle Franck, Sievers Philipp*, Barets Doriane, Fina Frédéric, Boutonnat Jean, Clovis Adam, Gauchotte Guillaume, Godfraind Catherine, Lhermitte Benoît, Maurage Claude-Alain, Meyronet David, Mokhtari Karima, Rousseau Audrey, Tauziède-Espariat Arnault, Tortel Marie-Claire, Uro-Coste Emmanuelle, Burel-Vandenbos Fanny, Chotard Guillaume, Pesce Florian, Varlet Pascale, Colin Carole, Figarella-Branger Dominique: *Rosette-forming glioneuronal tumours are midline, FGFR1-mutated tumours*. **Neuropathology & applied neurobiology** 2022, 48:e12813. **B300, HD01_(6,250)**
31. Archambault Alexi N, Jeon Jihyoun, Lin Yi, Thomas Minta, Harrison Tabitha A, Bishop D Timothy, Brenner Hermann*, Casey Graham, Chan Andrew T, Chang-Claude Jenny*, Figueiredo Jane C, Gallinger Steven, Gruber Stephen B, Gunter Marc J, Guo Feng*, Hoffmeister Michael*, Jenkins Mark A, Keku Temitope O, Le Marchand Loïc, Li Li, Moreno Victor, Newcomb Polly A, Pai Rish,

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32. Arends Christopher Maximilian, Damm Frederik*: *Clonal hematopoiesis and solid neoplasms.*[Klonale Hämatopoese und solide Neoplasien]. **Die Innere Medizin** 2022, nn:nn. **BE01_(0,834)**
 33. Arndt Claudia, Bergmann Ralf, Striese Franziska, Merkel Keresztély, Máthé Domokos, Loureiro Liliana R., Mitwasi Nicola, Kegler Alexandra, Fasslrunner Frederick, González Soto Karla Elizabeth, Neuber Christin, Berndt Nicole, Kovács Noemi, Szöllösi David, Hegedűs Nikolett, Tóth Gyula, Emmermann Jan-Philipp, Harikumar Kuzhuvelil B., Kovacs Tibor, Bachmann Michael*, Feldmann Anja: *Development and Functional Characterization of a Versatile Radio-/Immunotheranostic Tool for Prostate Cancer Management*. **Cancers** 2022, 14:1996. **DD01_(6,575)**
 34. Arnold Alexander, von Winterfeld Moritz, Berg Erika, Hummel Michael, Rau Beate, Krenzien Felix, Stein Ulrike*, Treese Christoph: *Immunohistochemical Analysis of Nicotinamide Phosphoribosyltransferase Expression in Gastric and Esophageal Adenocarcinoma (AEG)*. **Gastrointestinal disorders** 2022, 4:333 - 340. **BE01_(nn)**
 35. Arrieta-Bolaños Esteban*, Crivello Pietro, He Meilun, Wang Tao, Gadalla Shahinaz M, Paczesny Sophie, Marsh Steven G E, Lee Stephanie J, Spellman Stephen R, Bolon Yung-Tsi, Fleischhauer Katharina*: *A core group of structurally similar HLA-DPB1 alleles drives permissiveness after hematopoietic cell transplantation*. **Blood** 2022, 140:659-663. **ED01_(25,699)**
 36. Ascierto Paolo A, Schadendorf Dirk*: *Update in the treatment of non-melanoma skin cancers: the use of PD-1 inhibitors in basal cell carcinoma and cutaneous squamous-cell carcinoma*. **Journal for ImmunoTherapy of Cancer** 2022, 10:e005082. **ED01_(12,485)**
 37. Asimgil Hande, Ertetik Utku, Çevik Nedim Can, Ekizce Menar, Doğruöz Alper, Gökalp Muazzez, Arik-Sever Elif, Istvanffy Rouzanna*, Friess Helmut*, Ceyhan Güralp Onur, Demir Ihsan Ekin*: *Targeting the undruggable oncogenic KRAS: the dawn of hope*. **JCI insight** 2022, 7:e153688. **MU01_(9,496)**
 38. Aubrey Brandon J, Cutler Jevon A, Bourgeois Wallace, Donovan Katherine A, Gu Shengqing, Hatton Charlie, Perlee Sarah, Perner Florian, Rahnamoun Homa, Theall Alexandra C P, Henrich Jill A, Zhu Qian, Nowak Radosław P, Kim Young Joon, Parvin Salma, Cremer Anjali*, Olsen Sarah Naomi, Eleuteri Nicholas A, Pikman Yana, McGeehan Gerard M, Stegmaier Kimberly, Letai Anthony, Fischer Eric S, Liu X Shirley, Armstrong Scott A: *IKAROS and MENIN coordinate therapeutically actionable leukemogenic gene expression in MLL-r acute myeloid leukemia*. **Nature cancer** 2022, 3:595-613. **FM01_(23,177)**
 39. Autry Robert*: *Polygenomic Interrogation of Drug Resistance Genes*. **Methods in molecular biology** 2022, 2535:187-210. **B062, HD01_(nn)**

40. Avery Thomas Yul, Köhler Natalie, Zeiser Robert*, Brummer Tilman*, Ruess Dietrich Alexander*: *Onco-immunomodulatory properties of pharmacological interference with RAS-RAF-MEK-ERK pathway hyperactivation*. **Frontiers in oncology** 2022, 12:931774. **FR01_(5,738)**
41. Avidan Shai, Brostow Gabriel, Cissé Moustapha, Farinella Giovanni Maria, Hassner Tal, Tomani Christian, Cremers Daniel, Buettner Florian*: **Parameterized Temperature Scaling for Boosting the Expressive Power in Post-Hoc Uncertainty Calibration**. In *17th European Conference on Computer Vision, ECCV 2022*, vol. 1367313673. pp. 555 - 569. Tel Aviv, Israel: Springer Nature Switzerland; 2022:555 - 569.
42. Ayati Narjess, Herrmann Ken*, Fanti Stefano, Murphy Declan G, Hofman Michael S: *More Accurate Imaging Is Not Stage Migration: Time To Move from 'Hubble' to 'Webb' in Hormone-sensitive Prostate Cancer*. **European urology** 2023, 83:6-9. **ED01_(24,344)**
43. Babst Neele, Isbell Lisa K, Rommel Felix, Tura Aysegul, Ranjbar Mahdy, Grisanti Salvatore, Tschuch Cordula, Schueler Julia, Doostkam Soroush, Reinacher Peter C, Duyster Justus*, Kakkassery Vinodh, von Bubnoff Nikolas: *CXCR4, CXCR5 and CD44 May Be Involved in Homing of Lymphoma Cells into the Eye in a Patient Derived Xenograft Homing Mouse Model for Primary Vitreoretinal Lymphoma*. **International journal of molecular sciences** 2022, 23:11757. **FR01_(6,208)**
44. Bachmann Hagen Sjard, Jung Dominik, Link Theresa*, Arnold Anna, Kantelhardt Eva, Thomssen Christoph, Wimberger Pauline*, Vetter Martina, Kuhlmann Jan Dominik*: *FNTB Promoter Polymorphisms Are Independent Predictors of Survival in Patients with Triple Negative Breast Cancer*. **Cancers** 2022, 14:468. **DD01_(6,575)**
45. Bähr Ina, Jaeschke Lina, Nimptsch Katharina, Janke Jürgen, Herrmann Pia, Kobelt Dennis, Kielstein Heike, Pischon Tobias, Stein Ulrike*: *Obesity, colorectal cancer and MACC1 expression: A possible novel molecular association*. **International journal of oncology** 2022, 60:17. **BE01_(5,884)**
46. Ballhausen Alexej, Ben Hamza Amin, Welters Carlotta, Dietze Kerstin, Bullinger Lars*, Rahn Hans-Peter, Hartmann Sylvia, Hansmann Martin-Leo, Hansmann Leo Alexander*: *Immune phenotypes and checkpoint molecule expression of clonally expanded lymph node-infiltrating T cells in classical Hodgkin lymphoma*. **Cancer immunology immunotherapy** 2022, nn:nn. **BE01_(6,630)**
47. Baltzer Sandrine, Bulatov Timur, Schmied Christopher, Krämer Andreas*, Berger Benedict-Tilman, Oder Andreas, Walker-Gray Ryan, Kuschke Christin, Zühlke Kerstin, Eichhorst Jenny, Lehmann Martin, Knapp Stefan*, Weston John, von Kries Jens Peter, Süssmuth Roderich D., Klussmann Enno: *Aurora Kinase A Is Involved in Controlling the Localization of Aquaporin-2 in Renal Principal Cells*. **International journal of molecular sciences** 2022, 23:763. **FM01_(6,208)**
48. Bamberg Leonhard Valentin*, Heigwer Florian*, Wandmacher Anna Maxi*, Singh Ambika*, Betge Johannes*, Rindtorff Niklas*, Werner Johannes*, Josten Julia*, Skabkina Olga Valerievna, Hinsenkamp Isabel, Erdmann Gerrit, Röcken Christoph, Ebert Matthias P, Burgermeister Elke, Zhan Tianzuo*, Boutros Michael*: *Targeting euchromatic histone lysine methyltransferases*

sensitizes colorectal cancer to histone deacetylase inhibitors. International journal of cancer 2022, 151:1586-1601. **B110, HD01_(7,316)**

49. Baranašić Jurica, Šutić Maja, Catalano Calogerina, Drpa Gordana, Huhn Stefanie, Majhen Dragomira, Nestić Davor, Kurtović Matea, Rumora Lada, Bosnar Martina, Vukić Dugac Andrea, Sokolović Irena, Popovic-Grle Sanja, Oršolić Nada, Škrinjarić-Cincar Sanda, Jakopović Marko, Samaržija Miroslav, Weber Alexander N R, Försti Asta*, Knežević Jelena: *TLR5 Variants Are Associated with the Risk for COPD and NSCLC Development, Better Overall Survival of the NSCLC Patients and Increased Chemosensitivity in the H1299 Cell Line. Biomedicines* 2022, 10:2240. **B062, HD01_(4,757)**
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