**PROGRAM**

**Saturday, March 08, 2014**

15:00  
**Welcome and Introduction**  
Hellmut Augustin

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<th><strong>Session 1</strong></th>
<th><strong>NOVEL MOUSE MODELS</strong></th>
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<tr>
<td>15:15 - 16:35</td>
<td>Discussion leader: Manolis Pasparakis</td>
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15:15  
Unraveling therapy resistance in mouse models of human breast cancer  
**Jos Jonkers**, Amsterdam, The Netherlands

15:45  
**Blitz**  
A dual recombination system for time and host specific genetic manipulation of pancreatic cancer  
**Dieter Saur**, Munich, Germany

16:05  
Modeling human B cell lymphomas and lymphoma immune surveillance in mice  
**Klaus Rajewsky**, Berlin, Germany

16:35  
**Coffee Break**

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<th><strong>Session 2</strong></th>
<th><strong>NOVEL TECHNOLOGIES IN CANCER RESEARCH</strong></th>
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<td>17:00 - 18:30</td>
<td>Discussion leader: Jan Gronych</td>
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17:00  
The “Co-Clinical” Trial Project  
**Andrea Lunardi**, Boston, USA

17:30  
**Blitz**  
Forward genetic screening approaches in the mouse to uncover molecular networks of tumorigenesis  
**Roland Rad**, Munich, Germany

17:50  
**Blitz**  
Using the CRISPR/Cas-system in somatic gene transfer for rapid murine tumor model generation  
**Marc Zuckermann**, Heidelberg, Germany

18:10  
**Blitz**  
Therapeutic targeting of a synthetic lethal interaction between PRKDC and ATM in B-NHL  
**Christian Reinhardt**, Cologne, Germany

19:00  
**Dinner**

20:30  
**Informal get-together in the Klosterstüberl**
### Session 3
**NOVEL MODELS IN BRAIN TUMOR RESEARCH**
**09:00 - 10:30**
**Discussion leader:** Jürgen Ruland

9:00 **Mouse models of Malignant GBM: Cancer stem cells and beyond**
*Luis Parada*, Dallas, USA

9:30 **Blitz**
**Generation of spontaneously developed mouse model of human group 3 medulloblastoma**
*Daisuke Kawauchi*, Heidelberg, Germany

9:50 **Systems biology approaches to gene discovery in a GEM model for neuroblastoma**
*William Weiss*, San Francisco, USA

10:30 **Group photo**

10:45 **Coffee Break**

### Session 4
**INVASION AND METASTASIS**
**11:15 - 13:00**
**Discussion leader:** Thomas Wirth

11:15 **The functional role of tumor stroma in cancer progression and metastasis**
*Raghu Kalluri*, Houston, USA

11:45 **Blitz**
**Role of estrogen/PI3K/NRF2 axis in BRCA1 tumor suppression**
*Chiara Gorrini*, Toronto, Canada

12:05 **Progress in pancreatic cancer**
*David Tuveson*, Cold Spring Harbor, USA

12:35 **Blitz**
**A mouse model on human disseminated cancer cells from non-metastatic melanoma patients**
*Melanie Werner-Klein*, Regensburg, Germany

13:00 **Lunch**

### Session 5
**SIGNALING DURING TUMOR PROGRESSION**
**16:00 - 17:40**
**Discussion leader:** Ulrike Stein

16:00 **Animal models of metabolic adaptation in cancer cells**
*Tak Mak*, Toronto, Canada

16:30 **Blitz**
**T-cells trigger NASH and NASH-induced HCC development through hepatocyte-specific LTßR**
*Mathias Heikenwälder*, Munich, Germany
16:50 Targeting K-Ras Signaling in Cancer  
*Mariano Barbacid*, Madrid, Spain

17:20 **Blitz**  
Neural Crest-specific expression of Lin28b induces neuroblastoma in mice  
*Johannes Schulte*, Essen, Germany

18:00 - 22:00 **PCCC GOES SEEON**

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**Monday, March 10, 2014**

**Session 6**  
09:15 - 10:30 **GI TUMORS**  
Discussion leader: Christian Buske

09:15 Direct in vivo RNAi screening for accelerated cancer gene discovery in hepatobiliary tumors  
*Lars Zender*, Tübingen Germany

09:45 **Blitz**  
A novel conditional adult hepatocellular carcinoma mouse model for pre-clinical evaluation of anti-angiogenic therapy  
*Anja Runge*, Heidelberg, Germany

10:05 **Blitz**  
Hedgehog signaling in murine colorectal cancer  
*Marco Gerling*, Stockholm, Sweden

10:30 *Coffee Break*

**Session 7**  
11:00 - 12:00 **TUMOR MICROENVIRONMENT**  
Discussion leader: Mathias Heikenwälder

11:00 Parainflammation in cancer  
*Yinon Ben-Neriah*, Jerusalem, Israel

11:30 Harnessing death for life  
*Suzanne Cory*, Melbourne, Australia

12:15 *Lunch*

**Session 8**  
16:00 - 17:50 **STEM CELLS AND CANCER**  
Discussion leader: Klaus-Michael Debatin

16:00 Mesenchymal and MDS stem cells shape an interactive disease unit in the bone marrow  
*Andreas Trumpp*, Heidelberg, Germany

16:30 **Blitz**  
Progenitor deprivation provokes T cell acute lymphoblastic leukemia  
*Vera Martins*, Heidelberg, Germany
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<tr>
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| 16:50  | Function of the E3 ubiquitin ligase Fbw7 in stem cells and tumor suppression  
        | **Axel Behrens**, London, UK                                            |
| 17:20  | Modeling skin cancer in the mouse: Stem cell origin and role of Hedgehog signaling   
        | **Rune Toftgard**, Stockholm, Sweden                                      |
| 18:30  | Dinner                                                                 |
| 20:30  | Informal get-together in the Klosterstüberl                              |

**Tuesday, March 11, 2014**

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<td>9</td>
<td><strong>TUMOR HETEROGENEITY</strong></td>
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| 08:45   | Tumor heterogeneity and cell-of-origin of mouse small cell and non-small-cell lung cancer  
        | **Anton Berns**, Amsterdam, The Netherlands                             |
| 09:15   | Evidence and significance of cellular heterogeneity in mouse high-grade gliomas  
        | **Hai-Kun Liu**, Heidelberg, Germany                                     |
| 09:45   | Coffee Break                                                          |

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<td><strong>NOVEL APPROACHES IN CANCER THERAPY</strong></td>
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| 10:15   | Full humanization of the mouse immunoglobulin loci for therapeutic antibody discovery  
        | **Allan Bradley**, Cambridge, UK                                        |
| 10:45   | Blitz Chemotherapy promotes cancer stemness via senescence-related reprogramming  
        | **Clemens Schmitt**, Berlin, Germany                                    |
| 11:05   | Mouse models to test human cancer immuno-therapeutics  
        | **Gavin Thurston**, Tarrytown, USA                                      |
| 11:35   | Concluding Remarks                                                    |

**End of meeting**

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<tr>
<td>12:00</td>
<td>Lunch</td>
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<tr>
<td>13:00</td>
<td>Departure of shuttle buses</td>
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