

PROGRAM

Saturday, April 30, 2016

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

Session 1 **Oncogenic Signaling I**
15:15 - 16:35 Discussion leader: Hellmut Augustin

15:15 **Mariano Barbacid**, Madrid, Spain
Targeting K-Ras/p53 driven lung and pancreatic tumors

15:45 *Blitz* **Julia Varga**, Frankfurt, Germany
Notch activation in response to aberrant Akt signaling contributes to colorectal cancer progression

16:05 **Matthias Hebrok**, San Francisco, USA
Defining progenitor cells for pancreatic adenocarcinoma

16:35 *Coffee Break*

Session 2 **Oncogenic Signaling II**
17:00 – 18:40 Discussion leader: Peter Angel

17:00 **Luke Dow**, New York, USA
Exploring colorectal cancer initiation and progression using inducible RNAi and genome editing

17:30 *Blitz* **Jürgen Ruland**, Munich, Germany
Lymphomagenic CARD11/BCL10/MALT1 signaling drives malignant B-cell proliferation via cooperative NF- κ B and JNK activation

17:50 **Veronika Sexl**, Vienna, Austria
CDK6 – Cell cycle kinase and transcriptional regulator

18:20 *Blitz* **Heiko Hermeking**, Munich, Germany
AP4 regulates stem cell homeostasis and mediates tumor formation in the intestine

19:00 *Dinner*

Sunday, May 1, 2016

Session 3 **Tumor Microenvironment**
09:00 - 10:35 Discussion leader: Mathias Heikenwälder

- 09:00 **Kristian Pietras**, Lund, Sweden
Microenvironmental control of tumor heterogeneity and treatment response
- 09:30 *Blitz* **Courtney König**, Heidelberg, Germany
Endosialin-expressing pericytes promote metastatic dissemination
- 09:50 **Karina Yaniv**, Rehovot, Israel
On hyperlipidemia and tumor angiogenesis: The good, the bad and the ugly
- 10:20 *Group photo*
- 10:35 *Coffee Break*

Session 4 **Tumor Heterogeneity**
11:00 - 12:30 Discussion leader: Jürgen Ruland

- 11:00 **Anton Berns**, Amsterdam, The Netherlands
Mouse models for thoracic tumors
- 11:30 **Raghu Kalluri**, Houston, USA
New insights into the functional role of tumor microenvironment in cancer progression and metastasis
- 12:00 **Tuomas Tammela**, Cambridge, USA
Molecular mechanisms orchestrating intratumoral heterogeneity in Kras-driven carcinomas
- 12:45 *Lunch*
- 14:00 *Departure for Social Event*
- 19:00 Dinner

20:30 – 22:00 **POSTER SESSION I**

Monday, May 2, 2016

Session 5 Novel Mouse Models in Translational Research

09:00 - 10:50 Discussion leader: Clemens Schmitt

- 09:00 **Pier Paolo Pandolfi**, Boston, USA
The co-clinical trial platform & the tumor immune landscaping project
- 09:30 **Gerard Evan**, Cambridge, UK
Myc and Ras cooperate oncogenically by hacking resident tissue-specific regenerative programs
- 10:00 **Blitz** **Eva Koziol**, Berlin, Germany
Multimodal imaging strategy – PET/MRI
- 10:20 **Josef Penninger**, Vienna, Austria
The role RANK/RANKL in cancer
- 10:50 *Coffee Break*

Session 6 Novel Approaches in Tumor Therapy

11:15 - 12:25 Discussion leader: Dieter Saur

- 11:15 **Jos Jonkers**, Amsterdam, The Netherlands
Genetic determinants of tumor development, therapy response and resistance in mouse models of BRCA-deficient breast cancer
- 11:45 **Blitz** **Thomas Korff**, Heidelberg, Germany
Inhibition of melanoma growth and perfusion in the mouse auricle upon transdermal drug delivery
- 12:05 **Blitz** **Michael Jensen**, Basel, Switzerland
Large scale mouse clinical trials using patient-derived tumor xenografts to predict clinical trial drug response
- 12:30 *Lunch*

14:00 - 16:00 POSTER SESSION II

Session 7 Novel Models in Brain Tumor Research

16:00 – 17:40 Discussion leader: Jan Gronych

- 16:00 **Stefan Pfister**, Heidelberg, Germany
Faithful in vivo modeling of childhood brain tumors driven by oncogenic fusion genes
- 16:30 **Blitz** **Muhammad Amir Khan**, Heidelberg, Germany
Lineage tracing in somatic glioblastoma mouse models
- 16:50 **Blitz** **Daisuke Kawauchi**, Heidelberg, Germany
The chromatin remodeler Chd7 regulates mammalian brain development through activation of a neuronal differentiation program
- 17:10 **Robert Wechsler-Reya**, La Jolla, USA
Stem cell based models of medulloblastoma
- 18:30 *Dinner*

Tuesday, May 3, 2016

Session 8 **Invasion and Metastasis**
9:00 - 10:10 Discussion leader: Roland Rad

- 9:00 **Eli Pikarsky**, Jerusalem, Israel
Ectopic lymphoid structures function as microniches for tumor progenitor cells in HCC
- 9:30 *Blitz* **Ulrike Stein**, Berlin, Germany
Tumor progression in MACC1 transgenic mice and colorectal cancer patients via the newly discovered MACC1/Nanog//Oct4 axis
- 9:50 *Blitz* **Mathias Heikenwalder**, Heidelberg, Germany
Hepatic stellate cell-specific LTβR-signaling drives hepatic metastasis formation
- 10:10 *Coffee Break*

Session 9 **Stem Cells and Cancer**
10:30 - 12:00 Discussion leader: Klaus-Michael Debatin

- 10:30 **Frederic de Sauvage**, South S.F., USA
Targeting intestinal stem cells in cancer
- 11:00 *Blitz* **Thorsten Feyerabend**, Heidelberg, Germany
Visualization of Notch1 frameshift mutations in a mouse model of spontaneous T-ALL
- 11:20 **Warren Pear**, Philadelphia, USA
Modular domains within a super enhancer determine drug resistance in T-ALL
- 11:50 Concluding Remarks

End of meeting

- 12:00 *Lunch*
- 13:00 *Departure of shuttle buses*