3rd Berlin Cancer Retreat - Agenda

Wednesday, 5 October 2016

8:30 – 9:00  Registration

9:00 – 9:10  Welcome and Introduction
Angelika Eggert

Session I  Program Exploitation of Oncogenic Mechanisms
Chair:  Ulrike Stein

9:10 – 9:25  Targeting Myc
Johannes Schulte

9:25 – 9:40  A “pan-omic” view of RAS oncogene-mediated cellular transformation and therapy resistance
Katharina Kasack/Reinhold Schäfer

9:40 – 9:55  Fighting metastatic spread by understanding function and molecular networks of key players
Ulrike Stein

9:55 – 10:10  Poster Talk: Proteogenomic systems analysis identifies oncogenic mechanisms of resistance and predicts targeted combination therapies
Frederick Klauschen

10:10 – 10:25  Senescence-associated reprogramming promotes cancer stemness
Maja Milanovic

10:25 – 10:40  TBD
Stephan Mathas

10:40 – 11:15  COFFEE BREAK

Session II  Program Radiation Oncology and Imaging
Chair:  Winfried Brenner

11:15 – 11:30  Mutation analysis and immune profiling of tumors for dissecting mechanisms of resistance: New concepts for combining standard therapies with checkpoint inhibitors in treatment of solid cancer
Ingeborg Tinhofer-Keilholz
11:30 – 11:45 Preclinical hybrid PET/MRI imaging: An imaging strategy for tumor tissue characterization and early therapy response evaluation using theranostics
   Eva Koziolek

11:45 – 12:00 Poster Talk: Novel CMKLR1-targeted peptide conjugates for molecular imaging and therapy of breast cancer
   Sarah Erdmann

12:00 – 12:15 Targeting GIP Receptor in neuroendocrine neoplasms (NEN)
   Carsten Grötzinger

12:15-13:15 LUNCH

Session III Program Molecular Diagnostics, Early Detection and Biomarker Development
Chair: Carsten Denkert

   Christine Sers

13:30 – 13:45 Molecular Pathology: Data interpretation and functional validation of VOUS
   Michael Hummel

13:45 – 14:00 Molecular genetic analysis of CNS Lymphoma
   Josefine Radke

14:00 – 14:15 Evaluation of immune markers as predictive and prognostic biomarkers in different subtypes of breast cancer treated with neoadjuvant therapy
   Carsten Denkert

Session IV Program Molecularly Targeted Therapies
Chair: Clemens Schmitt

14:15 – 14:30 Pharmacological restoration and therapeutic targeting of the B-Cell phenotype in classical Hodgkin’s lymphoma
   Nina Rosa Neuendorff

14:30 – 14:45 Gain of mutations in histone methylation regulators during relapse of adult B-Cell acute lymphoblastic leukemia
   Lorenz Bastian/Claudia Baldus

14:45 – 15:00 Poster Talk: Repositioning of Statins and Rottlerin for restriction of MACC1-induced cancer progression and metastasis
   Dennis Kobelt

15:00 – 15:15 Improving metabolomics analysis – measuring more and knowing what
   Jan Lisec
15:15 – 16:15 **COFFEE BREAK & POSTER SESSION**

**Session V**  
Program Cancer Immunotherapy  
Chair: Thomas Blankenstein

16:15 – 16:30 Identification of tumor-specific rejection antigen for T-cell receptor gene therapy  
*Gerald Willimsky*

16:30 – 16:45 Poster Talk: Mage-A1-TCR gene therapy Phase I trial of Multiple Myeloma  
*Matthias Obenaus*

**Session VI**  
Joint Funding Projects/Across Sites Initiatives/Third Party Funding within DKTK  
Chair: Christine Sers

16:45 – 17:00 INFORM  
*Angelika Eggert*

17:00 – 17:15 Elucidating the basis of primary resistance to first-line combined anti-EGFR/chemotherapy and establishment of a tumor repository for analysis of secondary resistance in metastatic colorectal cancer  
*Reinhold Schäfer*

17:15 – 18:00 **DINNER / GET-TOGETHER**

**Session VI**  
Joint Funding Projects/Across Sites Initiatives/Third Party Funding within DKTK (continued)  
Chair: Christine Sers

18:00 – 18:15 DKT Molecular stratification program - Cross-Entity Molecular Stratification Program for Evaluation of Individualized, Biology-Driven Therapy in Younger Adults with Advanced-Stage Cancer and Patients with Rare Tumors – DKT Master  
*Damian Rieke*

18:15 – 18:30 Precision oncology and personalized therapy prediction  
*Ulrich Keilholz*

18:30 – 18:40 Concluding remarks  
*Angelika Eggert*
### Thursday, 6 October 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Description</th>
<th>Chair</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:30</td>
<td>Registration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:30 – 8:45</td>
<td>Session I</td>
<td>Concepts Platforms</td>
<td>Frank Heppner</td>
</tr>
<tr>
<td>8:30 – 8:45</td>
<td>RNA sequencing</td>
<td>Claudia Baldus</td>
<td></td>
</tr>
<tr>
<td>8:45 – 8:55</td>
<td>Epigenomics</td>
<td>Arend Koch</td>
<td></td>
</tr>
<tr>
<td>8:55 – 9:10</td>
<td>Liquid biopsy</td>
<td>Ingeborg Tinhofer-Keilholz</td>
<td></td>
</tr>
<tr>
<td>9:10 – 9:20</td>
<td>Biobank/patient cohorts</td>
<td>Michael Hummel</td>
<td></td>
</tr>
<tr>
<td>9:20 – 9:50</td>
<td>Part I: Preclinical models - PDX/GEMS/Zebrafish</td>
<td>Part II: Concept core entities: Lymphoma</td>
<td>Clemens Schmitt</td>
</tr>
<tr>
<td>9:50 – 10:05</td>
<td>Panel sequencing platform for PD3D and generic in vitro models</td>
<td>Reinhold Schäfer</td>
<td></td>
</tr>
<tr>
<td>10:05 – 10:20</td>
<td>Preclinical and clinical hybrid imaging – how translational imaging supports research in oncology</td>
<td>Winfried Brenner</td>
<td></td>
</tr>
<tr>
<td>10:20 – 10:35</td>
<td>CyTOF &amp; Molecular imaging</td>
<td>Desiree Kunkel &amp; Oliver Klein</td>
<td></td>
</tr>
<tr>
<td>10:35 – 11:00</td>
<td>COFFEE BREAK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:00 – 11:15</td>
<td>Session I</td>
<td>Concepts Platforms (continued)</td>
<td>Gerald Willimsky</td>
</tr>
<tr>
<td>11:00 – 11:15</td>
<td>Proteomics</td>
<td>Angelika Eggert</td>
<td></td>
</tr>
<tr>
<td>11:15 – 11:25</td>
<td>Metabolomics</td>
<td>Jan Liseck</td>
<td></td>
</tr>
<tr>
<td>11:25 – 11:35</td>
<td>Integrative proteomics/metabolomics (Systems biochemistry)</td>
<td>Stefan Kempa</td>
<td></td>
</tr>
</tbody>
</table>
11:35 – 11:50 Systems medicine (incl. IT/Bioinformatics)
Nils Blüthgen

11:50 – 12:05 Immunotherapy
Gerald Willimsky

Session II Concepts Core Entities
Chair: Angelika Eggert

12:05 – 12:20 Breast cancer and ovarian cancer
Carsten Denkert

12:20 – 12:35 Pediatric cancer
Hedwig Deubzer

12:35 – 13:45 LUNCH

Session II Concepts core entities (continued)
Chair: Angelika Eggert

13:45 – 14:00 Head & neck cancer
Ulrich Keilholz

14:00 – 14:15 Leukemia
Claudia Baldus

14:15 – 14:30 Brain Tumors
Josefine Radke

14:30 – 14:45 Colorectal carcinoma
Christine Sers

14:45 – 14:55 Concluding remarks
Angelika Eggert