

## 3<sup>rd</sup> 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 Koziol*

**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 Grötzing*

**12:15-13:15 LUNCH**

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

**13:15 – 13:30** **Evaluation of genetic alterations in colorectal cancer and pancreatic neuroendocrine cancer**  
*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 Lise*

**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 DKTK 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 – DKTK 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

8:00 – 8:30 Registration

**Session I** Concepts Platforms

**Chair:** Frank Heppner

8:30 – 8:45 RNA sequencing  
*Claudia Baldus*

8:45 – 8:55 Epigenomics  
*Arend Koch*

8:55 - 9:10 Liquid biopsy  
*Ingeborg Tinhofer-Keilholz*

9:10 – 9:20 Biobank/patient cohorts  
*Michael Hummel*

9:20 – 9:50 Part I: Preclinical models - PDX/GEMS/Zebrafish  
Part II: Concept core entities: Lymphoma  
*Clemens Schmitt*

9:50 – 10:05 Panel sequencing platform for PD3D and generic in vitro models  
*Reinhold Schäfer*

10:05 – 10:20 Preclinical and clinical hybrid imaging – how translational imaging supports research in oncology  
*Winfried Brenner*

10:20 – 10:35 CyTOF & Molecular imaging  
*Desiree Kunkel & Oliver Klein*

10:35 – 11:00 COFFEE BREAK

**Session I** Concepts Platforms (continued)

**Chair:** Gerald Willimsky

11:00 – 11:15 Proteomics  
*Angelika Eggert*

11:15 – 11:25 Metabolomics  
*Jan Lisec*

11:25 – 11:35 Integrative proteomics/metabolomics (Systems biochemistry)  
*Stefan Kempa*

**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*