

DKTK Heidelberg Community Meeting 2025

July 09, 2025, 09:00 to 16:00 CEST

DKFZ Communication Center, Lecture Hall and Foyer, Im Neuenheimer Feld 280, Heidelberg

Program:

Presentations and discussions take place at the Lecture Hall.

09:00 - 09:25: **Welcome and introduction to DKTK Heidelberg**

Christiane Opitz, spokesperson DKTK Translation Center Heidelberg, DKFZ

Moderator: *Holger Sültmann*

09:25 - 10:00: **Keynote lecture: Applications of Translational Data Science in Drug R&D**

Andreas Raue, Department of Computer Science, Augsburg University

Moderator: *Christiane Opitz*

10:00 – 10:45: **Translation and transfer of preclinical research into medical application (1)**

Moderators: *Sadaf Mughal, Benedikt Brors*

- **Spin-off or not to Spin-off?**
Rainer Wessel, Innovation Management, DKFZ
- **Revolutionizing Precision Oncology - Methylation-based Tumor Classification**
Helge Lubenow, Heidelberg Epignostix GmbH

10:45 – 10:55: Comfort Break

10:55 – 12:00: **Translation and transfer of preclinical research into medical application (2)**

- **beLAB2122: the BRIDGE to translation in the Rhine-Main-Neckar Academic Ecosystem,**
Friedrich Reinhard, Evotec
- **Selenocysteine metabolism as a targetable vulnerability in cancer**
Hamed Alborzinia, HI-STEM
- **A long peptide vaccine targeting the clonal driver mutation H3K27M in diffuse midline gliomas**
Katharina Sahm, CCU Neuroimmunology and Brain Tumor Immunology

12:00 – 12:45: Group picture and Lunch Break, Foyer

12:45 – 13:10: **Reverse translation of Multi-Omic Cancer Profiling**

Peter Horak, NCT Heidelberg

Moderators: *Anja Riediger, Jessica Hassel*

13:10 - 14:15: **Short presentations and Flash Talks from selected poster abstracts**

Moderators: *Kendra Maaß, Maria Besso*

- **Quality-assured tissue biobanking for oncology research – curse or blessing**
Alexander Brobeil, UKHD, NCT Biobank Heidelberg
- **Reprogramming the Neuroblastoma Microenvironment with JAK Inhibition and Checkpoint Therapy (REJAKT-NB)**
Pascal Kohmann, DKFZ, KiTZ

- **Towards Molecular MR Mammography for Cancer Care (MAMMCARE)**

Philip Boyd, DKFZ

Selected Poster Abstracts:

- **Robust detection, classification, and monitoring of pediatric brain tumors from cell-free DNA methylomes**
Kendra Maaß, DKFZ, KITZ
- **PERSIST-B7H6 Preclinical Development and a First-in-Human Trial of B7H6-Knockout CD19 CAR T Cells with Enhanced Persistence in B-cell Malignancies**
Julian Zoller, DKFZ
- **MYC on Repeat: Linear and ecDNA Amplification as Drivers of Pancreatic Cancer Heterogeneity and Therapeutic Resistance**
Sadaf Mughal, DKFZ
- **Multimodal Liquid Biopsy Analysis for Molecular Stratification and Therapy Monitoring in Solid Tumors**
Anja Riediger, DKFZ, NCT Heidelberg
- **From 3D Spheroid Proteomics to Patient Imaging: Predicting Tumor Hypoxia and Its Microenvironment in HNSCC**
Maria Besso, DKFZ
- **MAC-Scoring predicts response to HMA/Venetoclax in AML**
Simon Renders, DKFZ

14:15: - 15:30: **Poster Session** and Coffee Break, Foyer

15:30 - 16:00: ***Wrapping it up: Current priorities and future strategies of DKTK Heidelberg***
Podium discussion

16:00: **Farewell** and end of retreat