

# DKTK Retreat Heidelberg 2024: INFORM – EXCHANGE - TRANSLATE

July 19, 2024, 9:00 to 16:00 CEST

DKFZ Communication Center, Im Neuenheimer Feld 280, 69120 Heidelberg

## Program:

9:00 - 9:15: **Welcome and introduction to DKTK Heidelberg** - *Christiane Opitz*, spokesperson DKTK  
Translation Center HD, Lecture Hall

9:15 - 10:15: **“INFORM” - part 1**, Lecture Hall

DKTK program highlights, examples for ongoing projects and infrastructure

Moderators: *Christiane Opitz, Felix Sahn*

Time	Presenter	Title
<b>Cancer Immunotherapy (CI): 9:15 – 9:35</b>		
9:15 – 9:25	<i>Felix Hartmann</i>	Spatial quantification of cellular metabolism in the human tumor microenvironment
9:25 – 9:35	<i>Isabel Poschke</i>	Next-generation immune-monitoring in immuno-oncology trials
<b>Exploitation of Oncogenic Mechanisms (EOM): 9:35 – 9:55</b>		
9:35 – 9:45	<i>Alexander Waclawiczek</i>	The role of leukemic stem cells in response and resistance to Venetoclax therapies
9:45 – 9:55	<i>Vera Thiel</i>	Decoding Neuronal Influence on PDAC: Investigating the Impact of Denervation in Combination with Current Treatment Regimens
<b>Molecular Diagnostics, Early Detection and Biomarker Development (MDEB): 9:55 – 10:15</b>		
9:55 – 10:05	<i>Areeba Patel</i>	Rapid intraoperative molecular diagnostics of CNS tumours
10:05 – 10:15	<i>Megha Bhardwaj</i>	Optimizing lung cancer screening with biomarkers

10:15 - 10:40: Group picture and Coffee Break, Foyer

10:40 - 11:20: **“INFORM” - part 2**, Lecture Hall

DKTK program highlights, examples for ongoing projects and infrastructure

Moderators: *Amir Abdollahi, Stefan Fröhling*

Time	Presenter	Title
<b>Molecularly Targeted Therapy (MTT): 10:40 – 11:00</b>		
10:40 – 10:50	<i>Kathrin Schramm</i>	The pediatric precision oncology program INFORM
10:50 – 11:00	<i>Johanna Wagner</i>	Deciphering Sarcoma Tumor Ecosystems - Cell by Cell and Spatially Resolved
<b>Radiation Oncology and Imaging (ROI): 11:00 – 11:20</b>		
11:00 – 11:20	<i>Heinz-Peter Schlemmer</i>	Radiological innovations and their potential impact for reverse translation @ DKTK

11:20 – 12:00: **“EXCHANGE” – part 1, Lecture Hall**

- Moderator: *Sonja Loges*  
Flash Talks introducing DKTK platforms and technology

Presenter	Title (Poster Nr.)
<i>Ina Kurth</i>	DKTK RadPlanBio Platform: Database for Translational (Pre-)Clinical Radiooncology Research (4)
<i>Sandra Meyer</i>	Explore the DKTK Clinical Communication Platform (21)
<i>Laura Pelz</i>	Core Facilities at the DKFZ (23)
<i>Martina Schüßler-Lenz</i>	The transition from translational to clinical research – regulatory support from the Paul-Ehrlich-Institut

- Selected poster Flash Talks

Presenter	Title (Poster Nr.)
<i>Barbara Helm</i>	The pipeline SmartPhos enables standardized phosphoproteome analysis in cell lines and tissue: Insights into altered information processing in cancer (14)
<i>Andreas Korzowski</i>	Molecular MRI Techniques for Cancer Research In Vivo (2)
<i>Sadaf Mughal</i>	Prognostic role of tertiary lymphoid structures in brain metastasis microenvironment (15)
<i>Jens Puschhof</i>	Modelling Cancer-Microbe Interactions with Organoids and Organs-on-Chip (17)
<i>Julian Schlecker</i>	Propagator Methods for Survival Analysis (3)

12:00 – 13:30: Lunch Break, Foyer

12:30 – 13:30: **Poster Session – “EXCHANGE” – part 2, Foyer**

13:30 - 15:00: **“TRANSLATE”**

Parallel breakout sessions and discussions

1. **Forward and reverse translation: from bench to clinics and back, Lecture Hall**

Moderators: *Jessica Hassel, Susanne Roth*

- *Stefan Fröhling*: Multilayered tumor profiling for precision oncology
- *Richard Schlenk*: Translating molecular tumor profiles into academic clinical trials
- *Tobias Kessler*: Molecularly guided treatment of glioblastoma: Results from the N2M2 (NOA-20) trial
- *Bruno Köhler*: From preclinical observation to clinical trial in gastrointestinal oncology
- *Michael Schmitt*: Combining forces for POC-CAR T cells
- *Tim Sauer*: HD-CAR-AML70 – CD70-CAR T cells for AML patients with relapse after allogeneic stem cell transplantation: from bench to bedside

2. **Cohorts, technologies and strategies for prevention and early detection of cancer, Seminar Room K1**

Moderators: *Hermann Brenner, Anja Riediger*

- *Hermann Brenner, Teresa Seum, Petra Schrotz-King, Michael Hoffmeister*: Screening colonoscopy cohorts for deriving and validating novel noninvasive biomarkers and biomarker algorithms for colorectal cancer screening

- *Janhavi Raut, Megha Bhardwaj, Ben Schöttker, Hermann Brenner*: Population-based cohorts of older adults for deriving and validating cancer early detection markers and algorithms
- *Renée Turzanski-Fortner*: Levering prospective cohorts in ovarian cancer earlier detection research: finding the canary in the coal mine
- *Rouvier Al-Monajjed*: Prostate Cancer Screening Cohort in Young Men with emphasis on Familial Prostate Cancer

3. ***Translation beyond Academia – creating partnerships with industry***, Seminar Room K2

Moderators: *Benedikt Brors, Christiane Opitz*

- *Sina Lyko-Tönges*: DKFZ Innovation Management- Building Bridges
- *Friedrich Reinhard, Evotec*: beLAB2122 - Building BRIDGES across Rhine, Main and Neckar

15:00 - 15:20: Coffee Break, Foyer

15:20 - 16:00: ***Wrapping it up: Current priorities and future strategies***, Lecture Hall

16:00: **Farewell** and end of retreat, Lecture Hall