



# DKTK Freiburg Community Meeting · 7<sup>th</sup> and 8<sup>th</sup> July 2025

Caritas Tageszentrum, Wintererstraße 17-19, 79104 Freiburg

Monday 7.7.25		
Time	Speaker	Title
12:00 - 13:00		<i>Welcome Coffee</i>
<b>Session 1</b>	Chair: Matthias Eder	
13:00 - 13:10	Melanie Börries and Robert Zeiser	Welcome
13:10 - 13:25	Ian Frew	<i>Pre-clinical therapeutic target identification for renal and bladder cancers</i>
13:25 - 13:40	Florian Ingelfinger	<i>Spatiotemporally-Resolved Single-Cell Genomics Reveals Tumor Immune Escape Mechanisms in Glioblastoma</i>
13:40 - 13:55	Gabi Niedermann	<i>Translational Radioimmunotherapy</i>
13:55 - 14:10	Carla Tangermann	<i>Saturation mutational scanning uncovers drugability of all FGFR point mutations</i>
14:10 - 14:20	Marie Follo	<i>Platform Intro: Lighthouse Core Facility</i>
14:20 - 15:00		<i>Coffee Break</i>
<b>Session 2</b>	Chair: Sven Diederich	
15:00 - 16:00	<b>Keynote Lecture:</b> Jens Puschhof	<i>Modelling Cancer Microbe Interactions with Organoids and Organ Chips</i>
16:00 - 16:15	Georg Vladimirov	<i>Overcoming Sotorasib-resistance in KRASG12C-mutated patient-derived pancreatic cancer organoids</i>
16:15 - 16:30	Dietrich Ruess	<i>Organoid-based response-prediction for targeted RAS+SHP2 and MEK/ERK+SHP2 inhibition in pancreatic cancer</i>
16:30 - 16:45	Jasmin Traichel	<i>Patient-derived organoids (PDOs) as a companion tool to understand drug responses in the DKTK-funded SORATRAM IIT trial</i>
16:45 - 16:55	Alexandra Nieters	<i>Platform Intro: FREEZE</i>
16:55 - 17:00	Melanie Börries	<i>What is needed to establish Pillar 1 and Pillar 2 in DKTK network Freiburg?</i>
17:00 - 18:30	<b>Poster Session</b>	
18:30		<i>Dinner</i>



## DKTK Freiburg Community Meeting · 7<sup>th</sup> and 8<sup>th</sup> July 2025

Caritas Tageszentrum, Wintererstraße 17-19, 79104 Freiburg

Tuesday 8.7.25		
Time	Speaker	Title
9:00 - 10:00		Welcome Coffee
<b>Session 3</b>	Chair: Marc Timmers	
10:00 - 10:30	<b>Invited Speaker: Michael Quante</b>	<i>Prevention and Early Detection of Esophageal Adenocarcinoma with Fluorescence Molecular Endoscopy</i>
10:30 - 10:45	Elena <b>Grabis</b>	<i>Decoding the spatial architecture of integrated electrophysiological and transcriptomic diversity in malignant brain tumors</i>
10:45 - 11:00	Lavanya <b>Ranganathan</b>	<i>Non-invasive genotyping and MRD monitoring by circulating tumor DNA in patients with solid tumors patients receiving targeted treatment within molecular tumor boards</i>
11:00 - 11:15	Melanie <b>Föll</b>	<i>In Situ Peptide Identification by Parallel-Accumulation-Serial Fragmentation Supported MALDI MS/MS imaging: A Tool for Spatial Proteomics in Complex Disease Tissues</i>
11:15 - 11:30	Malgorzata <b>Sulewska</b>	<i>Preclinical Evaluation of MT1-MMP-Targeting Bicyclic Peptides for Radiotheranostic Applications</i>
<b>Session 4</b>	Chair: Tobias Feuchtinger	
11:30 - 12:00	<b>Invited Speaker: Evelyn Ullrich DKTK Frankfurt</b>	<i>From llama towards immunotherapy –A VHH binding domain enhances CLEC12A-CAR-NK cell therapy for treatment of AML</i>
12:00 - 13:00		Lunch
13:00 - 13:15	Lukas <b>Braun</b>	<i>Extracorporeal Photopheresis resolves immune checkpoint inhibitor associated colitis through local adiponectin induction</i>
13:15 - 13:30	Alieh <b>Fazeli</b>	<i>Base Editing Unlocks NK Cell Potential for Cancer Immunotherapy</i>
13:30 - 13:45	Claudia <b>D'Avanzo</b>	<i>CD73 and MEK Inhibition improve T Cell function in NRAS-Mutant AML: A Strategy for Post-Transplant Immune Surveillance</i>
13:45 - 14:10		Coffee Break
14:10 - 14:25	Henning <b>Schäfer</b>	<i>From functional imaging to new treatment approaches in radiation oncology</i>
14:25 - 14:40	Paul <b>Minges</b>	<i>Characterization of a Fluorescent Dye Library using a Dual-Labelled PSMA-617-based Tracer</i>
14:40 - 14:50	Manfred <b>Jung</b>	<i>Platform Intro: FREpi : a curated epigenetic inhibitor screening library for target discovery and validation</i>
14:50 - 15:10	Melanie <b>Börries</b> and Robert <b>Zeiser</b>	Wrap up
15:30 - 17:00	Young Investigator Get Together	



## DKTK Freiburg Community Meeting · 7<sup>th</sup> and 8<sup>th</sup> July 2025

Caritas Tageszentrum, Wintererstraße 17-19, 79104 Freiburg

### Poster Session, 7<sup>th</sup> July 2025: 17:00-18:30h

1. Luka **Bacic**, AG Diederichs: *"Molecular and cellular mechanisms underlying the heterogeneity of disease manifestations in von Hippel–Lindau disease"*
2. Solène **Besson**, AG Bengsch: *"Distinct immune landscapes in Autoimmune vs. Checkpoint Inhibitor-Associated Hepatitis revealed by spatial profiling"*
3. Ann-Cathrin **Burk**, AG Zeiser: *"Oncogenic signaling promotes the expression of CD155 in acute myeloid leukemia facilitating immune escape"*
4. Ruth Fiesta **Cueto**, AG Schilling: *"The proteomic and immunopeptidomic landscape of non-small cell lung cancer"*
5. Matthias **Fahrner**, AG Schilling: *"Advancing Radioproteomics: Integrating PSMA PET/CT and mpMRI with Localized Proteomic Profiling in Prostate Cancer"*
6. Ira **Godbole**, AG Bengsch: *"Spatial analysis of the tumor immune microenvironment in Biliary Tract Cancer"*
7. Luis **Klimpe**, AG Berlin: *"Novel Harnessing of Innate and Adaptive Anti-Cancer Immunity: NLRP3-Inflammasome Activation Facilitates Immune Checkpoint Blockade in the Treatment of Mesenchymal Stage IV Colorectal Cancer"*
8. Youran **Kong**, AG Neidert/Heiland: *"Spatial heterogeneity of CAR-T antigen expression in glioblastoma"*
9. Marco Julian **Mühlbauer**, AG Neidert/Heiland: *"Gliosarcoma: New Insights from Single Cell Sequencing and Spatial Transcriptomics"*
10. Luisa **Schäfer**, AG Berlin: *"Fatty Acid Synthase Inhibition in Colorectal Cancer Peritoneal Carcinomatosis"*
11. Johanna **Thiery**, AG Schilling: *"Proteomic Profiling of iCCA: A Multicentric Study within the DKTK Network"*
12. Tanja **Werner**, AG Börries: *"FreezeO –Advancing Personalized Cancer Therapy with Patient-Derived Organoids"*