

Program:

Day 1: 05.10.26

Time	Speaker	Title
12:00	12:45	Registration and Welcome Coffee & Snacks
12:45	13:00	Melanie Börries and Robert Zeiser Welcome & DKTK FR Updates
Session 1	Chair: R. Zeiser (Börries)	
13:00	13:20	Robert Zeiser Immunotherapy of AML
13:20	13:40	Florian Ingelfinger Innovations in Single-cell Technologies and Generative AI for Translational Oncology
13:40	14:00	Maïke Hofmann Persistent stimulation, persistent questions: Human T cell responses in chronic disease
14:00	14:10	Marie Follo Platform Intro: Lighthouse Core Facility
14:10	14:30	Evelyn Ullrich & Christian Flotho Development of anti-CLEC12A chimeric antigen receptor (CAR) NK cells for the treatment of juvenile myelomonocytic leukemia
14:30	14:40	Dominik von Elverfeldt Platform Intro: AMIR ^{CF} - Platform for translational small animal imaging
14:40	15:10	Coffee and Networking Break
Session 2	Chair: M. Börries	
15:10	15:30	Christina Mayerhofer Dynamic Synthetic Lethality in Chemo-resistant AML: Insights from Metabolomics and Translatome Profiling
15:30	15:50	Nicolas Neidert Molecular-informed decision-making in neuro-oncological neurosurgery
15:50	16:00	Geoffroy Andrieux & Sajib Chakraborty Platform Intro: Bioinformatics Platform
16:00	17:00	Jens Siveke Keynote Talk: Translational approaches in Pancreatic Cancer
Session 3	Chair: S. Diederichs	
17:00	18:00	Short Talks from Young Scientists
		Stefan Sell Profiling of BCAT Metabolism using Hyperpolarized KIC
		Martina Tholen Neutrophil priming in cancer – Modulating role of a neutrophil aspartic protease
		Yagmur Öykü Carus Sahin Oncogene Dependence Switching - A novel approach to quantify oncogene activation by saturation mutational scanning
		Zirun Wang Fast 3D Hyperpolarized ¹³ C MRI for Metabolic Imaging: From Preclinical Validation to Clinical Translation.
		Semjon Willier Targeting CD28 on T lineage malignancies with chimeric antigen receptor T cells
18:00	19:00	Dinner and Networking

Day 2: 06.10.26

Time	Speaker	Title
08:30	09:00	Registration
09:00	09:10	Melanie Börries and Robert Zeiser Welcome
Session 4	Chair: M. Timmers	
09:10	09:30	Elisabeth Schorb & Florian Scherer CNS Lymphoma - Translating Liquid Biopsy Concepts into Clinical Practice
09:30	09:40	Alexandra Nieters Platform Intro: FREEZE Biobank
09:40	10:00	Andreas Schmidt Probing Cancer Metabolism with Hyperpolarized Magnetic Resonance
10:10	10:20	Andreas Hoffmann Platform Intro: FREEZE-O - Organoid Biobank
10:20	10:40	Andreas Rimner Immunologic and immunotherapeutic aspects of radiation therapy for locally-advanced lung cancer
10:40	11:15	Coffee and Networking Break
Session 5	Chair: M. Eder	
11:15	12:00	Short Talks from Young Scientists
		Tobias Hundertmark Under a Different Light: Data Visualization to Enhance Scientific Discovery
		Ivan Trofimov In vivo MRI detection of renal compartments and tumor acidification in mice using parahydrogen-hyperpolarized pH sensor [1,5- ¹³ C ₂]OMP
		Lea Rebecca Knapp Understanding and overcoming NK cell maladaptation in leukaemia
12:00	12:20	Christopher Berlin Fatty Acid Metabolic Reprogramming of Cancer Stem Cells during Colorectal Cancer Metastasis
12:20	12:30	Ezgi Özyerli Gökner Platform Intro: FREpi - Epigenetic Inhibitor Screening Library
12:30	12:50	Sandra Ammann GeneNovate: Empowering Innovators and Entrepreneurs in Gene and Cell Therapies.
12:50	13:10	Melanie Börries and Robert Zeiser Short Talk Prizes and Wrap up
13:10	14:00	Lunch and Networking
14:00	16:00	Local Steering Committee Meeting (Internal event – attendance by invitation only.)