

DKFZ/NCT/DKTK HARPOON 2024

New Developments in Precision Oncology

Heidelberg Congress Center, Czernyring 20



THURSDAY (Nov 21)

09.00	09.15	WELCOME: Stefan Fröhling (NCT & DKFZ Heidelberg)
SESSION I: Recent Developments in Multilayered Tumor Profiling Chair: Maximilian Werner (NCT Dresden)		
09.15	09.35	Spatial Omics Technologies for Topographic Biomarker Discovery Denis Schapiro (UK Heidelberg)
09.35	09.55	MASTER Meets Whole-Slide-Imaging Albrecht Stenzinger (UK Heidelberg)
09.55	10.15	Functional Drug Sensitivity Testing in Precision Oncology to Support Patient Stratification in Childhood and Adult Solid Tumors Ina Oehme (KITZ Heidelberg) & Claudia Ball (NCT Dresden)
10.15	10.35	Single-Cell Functional Precision Medicine in Hematologic Malignancies Philipp Staber (Med. Universität Wien)
10.35	11.00	COFFEE BREAK
11.00	11.30	PATIENT ADVOCACY: Cindy Körner (Patient Research Council NCT Heidelberg, DKFZ Heidelberg) Chair: Monika Huber (NCT Heidelberg)
SESSION II: Basic and Translational Research Guided by Clinical Discovery Chair: Claudia Scholl (DKFZ Heidelberg)		
11.30	11.50	Hormones in Cancer: From Trials to Mechanisms and Back Again Wilbert Zwart (NKI Amsterdam, NL)
11.50	12.10	Decoding the Cellular Ecosystem of Primary Uveal Melanoma for Clinical Interventions Ulrich Keller (Charité Berlin)
12.10	12.30	Deciphering Sarcoma Tumor Ecosystems - Cell by Cell and Spatially Resolved Johanna Wagner (DKFZ Heidelberg)
12.30	13.30	LUNCH BREAK
SESSION III: Clinical Trials Guided by Basic and Translational Research Chair: Johann-Christoph Jann (NCT Heidelberg)		
13.30	13.50	TOP-ART score — A Composite Biomarker for Homologous Recombination Repair Deficiency Evaluated in a Pan-Cancer Cohort Richard Schlenk (NCT Heidelberg), Marc Rübsam (DKFZ Heidelberg)
13.50	14.10	Next-Generation Imaging Biomarker for Prostate Cancer: From Benchmark to Bedside Wolfgang Fendler (UK Essen)
14.10	14.30	Translational Data Guiding the Clinical Development of T-Cell Therapies for Solid Cancers Cedrik Britten (immatics, Tübingen/München/Stafford)
14.30	14.50	Precision Oncology Clinical Trials Including those Incorporating Early Response Biomarkers Richard Baird (CRUK Cambridge, UK)
FLASH TALKS (5 + 5 min each)		
14.50	15.30	Saturation Mutational Scanning Uncovers Druggability of all FGFR Kinase Point Mutations Sven Diederichs (DKTK Freiburg)
		More Precision in Precision Oncology: Context-Dependent Biomarker Annika Schneider (TU München)
		The NCT PMO1601 Trial - Challenges of Clinical Trials in Ultra-Rare Cancers Veronica Teleanu (NCT Heidelberg)
		Selective Targeting of TBXT with DARPins Identifies Regulatory Networks and Therapeutic Vulnerabilities in Chordoma Sam Umbaugh (DKFZ Heidelberg)
15.30	16.00	COFFEE BREAK
16.00	17.00	KEYNOTE Chair: Peter Horak (NCT Heidelberg) Ulrik Lassen (Centre for Cancer and Organ Diseases, Rigshospitalet, DK) Implementation of Cancer Precision Medicine in Denmark
18.30		optional: DINNER Restaurant "nebenan" (self-pay) restaurant-nebenan-bahnstadt.eatbu.com

FRIDAY (Nov 22)

09.00	09.15	INTRODUCTION Day 2: Daniel Lipka (NCT & DKFZ Heidelberg)
09.15	10.15	KEYNOTE Chair: Daniel Lipka (NCT & DKFZ Heidelberg) Precision Cancer Therapy in Norway Åslaug Helland (Oslo Comprehensive Cancer Center, NO)
10.15	10.45	COFFEE BREAK
SESSION IV: New Horizons in the Analysis of Molecular and Clinical Information Chair: Daniel Hübschmann (NCT Heidelberg)		
10.45	11.05	Generative AI in Precision Oncology André Freitas (University of Manchester, UK)
11.05	11.25	The Knowledge Connector – Assisting the MTB Workflow with a Web-Based Data Visualization and Analysis Platform Simon Kreutzfeldt (NCT Heidelberg)
11.25	11.45	Next-Generation Study Databases Martin Dugas (UK Heidelberg)
FLASH TALKS (5 + 5 min each)		
11.45	12.15	SomaVar: A Web Application for Somatic Variant Storage, Annotation and Classification Nadia Ballin (UK Tübingen)
		Automated Genetic Landscapes Through Systematic WGS Analysis of >6000 Patients Joep de Lig (Hartwig Medical Foundation, Amsterdam, NL)
		Uncovering Novel Sarcoma Vulnerabilities Through Genome-Wide Analysis of Enhancer Hijacking Events Simon Linder (DKFZ Heidelberg)
12.15	13.15	LUNCH BREAK
SPECIAL FEATURES Chair: Eva Schäfer (NCT Heidelberg)		
13.15	13.30	Borders between Precision Medicine and Palliative Medicine Maximilian Christopeit & Anne Kamitz (UKE, Hamburg)
13.30	14.00	Personalized Search for Clinical Trials in Oncology Mridul Agrawal (iuvando, Mannheim/Boston)
14.00	14.15	DISCUSSION
14.15	14.30	CONCLUSION: Stefan Fröhling (NCT & DKFZ Heidelberg)



Contact

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Registration & Information

<https://indico.dkfz.de/e/harpoon2024>