

THURSDAY, November 17, 2022

Welcome		
10.00	10.10	Stefan Fröhling, NCT and DKFZ, Heidelberg, Germany
Keynote		
Chair: Daniel Lipka, NCT and DKFZ, Heidelberg, Germany		
10.10	11.10	Richard Rosenquist Brandell, Karolinska Institutet, Stockholm, Sweden <i>Genomic Medicine Sweden - implementing precision medicine in a regionally organized healthcare system</i>
Session I – New Frontiers of Omics-based Precision Oncology in Germany		
Chair: Christian Brandts, University Hospital Frankfurt, Germany		
11.10	11.40	Michael Hallek, University Hospital Cologne, Germany <i>Molekulare Präzisionsonkologie als Motor einer wissenschaftsgenerierenden Krebsmedizin</i>
11.40	12.10	Evelin Schröck, NCT, Dresden, Germany <i>Precision Oncology – Conclusions for human genetics and genetic tumor risk syndromes</i>
12.10	13.00	Lunch Break
Session II – Data in Precision Oncology		
Chair: Daniel Hübschmann, NCT and DKFZ, Heidelberg, Germany		
13.00	13.30	Oliver Stegle, GHGA / DKFZ / EMBL, Heidelberg, Germany <i>GHGA: The German Human Genome-Phenome Archive</i>
13.30	14.00	Alexander Knurr, DKFZ, Heidelberg, Germany <i>Knowledge Connector: Unterstützung bei der Vorbereitung und Durchführung Molekularer Tumorboards</i>
Flash Talks		
max. 5 min + 5 min, max. 5 slides		
Chairs: Christoph Heining, NCT, Dresden, Germany & Peter Horak, NCT, Heidelberg, Germany		
14.00	14.10	Manuela Benary, BIH / Charité, Berlin, Germany <i>An International Landscape of Cancer NGS Reporting Practices</i>
14.10	14.20	Johannes Köster, University of Duisburg-Essen, Germany <i>Generic solutions for specific problems</i>
14.20	14.30	Federico Nichetti, DKFZ, Heidelberg, Germany <i>PFSratio as primary endpoint in precision oncology trials</i>
14.30	14.40	Arne Jahn, NCT, Dresden, Germany <i>Germline variant evaluation across precision oncology studies</i>
14.40	14.50	Marco Nolden, DKFZ, Heidelberg, Germany <i>DKTK Joint Imaging Platform and Helmholtz Metadata Collaboration</i>
14.50	15.00	Coffee Break
15.00	15.10	Natalie Geyer, Karolinska Institutet, Sweden <i>Single cell RNA sequencing and cellular interaction mapping reveals novel tumor-liver interaction with impact on prognosis</i>
15.10	15.20	Matthias Ebert, Medical Faculty Mannheim & Heidelberg University, Germany <i>The PROMISE Platform: Functional Precision Medicine in GI Oncology</i>
15.20	15.30	Matthias Fahrner, University Medical Center Freiburg, Germany <i>Proteogenomic characterization of metastasizing colorectal cancer</i>
15.30	15.40	Yaroslav Kaminskiy, Karolinska Institutet, Sweden <i>Proteogenomics-guided neoantigen discovery in NSCLC</i>
15.40	15.50	Samuel Peña-Llopis, DKTK and DKFZ at University Hospital Essen, Germany <i>Targeting vulnerabilities of BAP1-mutant cancers</i>
15.50	16.00	Coffee Break
Keynote		
Chair: Stefan Fröhling, NCT and DKFZ, Heidelberg, Germany		
16.00	17.00	Emile Voest, NKI, Amsterdam, Netherlands <i>Improving precision medicine by team science: two examples with immediate clinical impact</i>
17.00	18.00	Janessa Laskin, BC Cancer, Vancouver, Canada <i>Personalized OncoGenomics (POG): Our use case for the integration of genomics into clinical oncology</i>

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Session III – Promising Layers of Molecular Tumor Diagnostics in Precision Oncology		
Chairs: Lino Möhrmann, NCT, Dresden, Germany & Maria-Veronica Teleanu, NCT, Heidelberg, Germany		
09.30	10.00	Annika Schneider, TUM, Munich, Germany <i>Proteome profiling in precision oncology: from protein/p-site expression data towards therapeutic recommendation</i>
10.00	10.30	Matthias Schwab, IKP Stuttgart, Germany <i>Pharmacogenomics in Precision Oncology</i>
10.30	11.00	Moritz Gerstung, DKFZ, Heidelberg, Germany <i>Understanding how cancers grow</i>
11.00	11.30	Georg Zeller, EMBL, Heidelberg, Germany <i>Microbiome in Cancer Etiology and Treatment</i>
11.30	12.00	Marc Schmitz & Isabel Poschke, NCT Dresden & Heidelberg, Germany <i>Characterization of the Tumor Immune Architecture by Next Generation Immune Monitoring</i>
12.00	12.30	Claudia Ball, NCT Dresden, Germany <i>Functional stratification in personalized tumor models for precision oncology</i>
12.30	13.30	Lunch Break
Practical Part		
13.30	14.30	Practical Introduction: Variant Interpretation and Reporting Peter Horak / Simon Kreutzfeldt / Maria-Veronica Teleanu, NCT and DKFZ Heidelberg, Germany
14.30	16.00	Attendance of the NCT MASTER Molecular Tumor Board

Please join the workshop via this Zoom link:

[DKTK HARPOON 2022](#)

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Passcode: 34822646