

AGENDA

Thursday (November 27, 2025) | 9 am – 4.45 pm

08.30 – 09.00 **Registration & Coffee**

09.00 – 09.15 **Welcome** | Stefan Fröhling (NCT Heidelberg & DKFZ)

09.15 – 10.35 **Session 1 | Recent Developments in Multilayered Tumor Profiling**

Chair: Daniel Lipka (NCT Heidelberg & DKFZ)

Frederik Klauschen (LMU, Munich)

Multi-modal AI-based risk stratification and relapse prediction in early-stage lung cancer

Felix Sahm (NCT Heidelberg & UKHD)

Next level precision in neuropathology

Nikolas von Bubnoff (UK Schleswig-Holstein, Lübeck)

Better take the full circle: From bedside to bench and back.

Melanie Janning (UMM, Mannheim & DKFZ, Heidelberg)

CTC-based liquid biopsy — Elevating cellular resolution in precision oncology

10.35 – 11.20 **Coffee Break | Meet-the-Speaker (Session 1)**

11.20 – 12.40 **Session 2 | Basic and Translational Research Guided by Clinical Discovery**

Chair: Peter Horak (NCT Heidelberg & UKHD)

Ana Banito (KITZ & DKFZ, Heidelberg)

Genetic and epigenetic mechanisms in pediatric sarcomas

Simon Haas (NCT Berlin & Charité, Berlin)

From single-cell genomics to precision oncology

Jan Korbel (EMBL, Heidelberg)

Harnessing the power of imaging and omics to dissect the origins of chromosomal instability in cancer

Daniel Rauh (TU Dortmund)

Advancing precision oncology through functional screening and small-molecule design

12.40 – 13.00 **Special Feature** | Benedikt Westphalen (LMU, Munich)

Systematic integration of precision medicine into cancer care (an ESMO perspective)

13.00 – 14.00 **Lunch Break | Meet-the-Speaker (Session 2 & Special Feature)**

14.00 – 14.20 **Patient Advocacy** | Bastian Schwarz (DKFZ Patient Advisory Council, Ultra Rare Sarcoma e. V.)
Verena Loidl (LMU, Munich, Ultra Rare Sarcoma e. V.)

From samples to research: A patient-driven biobank for ultra-rare sarcomas

Chair: Cindy Körner (Patient Research Council, NCT Heidelberg & DKFZ)

14.20 – 15.00 **Selected Talks**

Chair: Maximilian Werner (NCT Dresden & UKDD)

Joep de Ligt (Hartwig Medical Foundation, Amsterdam)

Systematic non-response analysis on a large WGS dataset

Yasser Riazalhosseini (McGill University, Montreal)

Diagnostic, therapeutic and preventive innovations in rare and hereditary malignancies

15.00 – 15.30 **Selected Short Talks** (5 min each)

Jonas Becker (DKFZ)

Integrating immunoepitopeomics into the MASTER study: Personalized immunotherapy targets for every patient?

Manuela Benary (Charité & BIH Berlin)

Genomic and transcriptomic profiling of advanced early-onset colorectal cancer - A comparative cohort analysis

Charlotte Orschel (Center for Molecular Medicine, Cologne)

ERBB2 signaling drives immune cell evasion and resistance against immunotherapy in small cell lung cancer

Robin Reschke (NCT Heidelberg)

"PREDICT" Study (Proteomics for Risk Estimation of Developing Immune-Related Complex Toxicity)

Chiara Schiller (UK Heidelberg)

Building a Translational Spatial Profiling Center (TSPC)

Maximilian Schöning (NCT Heidelberg & DKFZ)

Epigenomic classification of leukemias

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15.30 – 16.00 **Coffee break | Meet-the-Speaker (Patient Advocacy and Selected Talks)**

Please note: The following program item is not part of the CME-accredited continuing education recognized by the medical association (LÄK)

16.00 – 16.45 **Keynote |** Norbert Kraut (Boehringer Ingelheim, Vienna)

Targeting oncogenic drivers for effective cancer treatments

Chair: Johann-Christoph Jann (NCT Heidelberg & UKHD)

16.45 – 20.00 **Drinks | Meet-the-Speaker (Keynote)**

17.30 – 20.00 **"Strolling dinner"**

Friday (November 28, 2025) | 9 am – 3 pm

08.30 – 09.00 **Registration & Coffee**

09.00 – 10.20 **Session 3 | Clinical Trials Guided by Basic and Translational Research**

Chair: Maria-Veronica Teleanu (NCT Heidelberg & UKHD)

Sophia Danhof (NCT WERA & UK Würzburg)

Tailored CAR T-cell engineering to overcome tumor-specific challenges in early clinical trials

Jens Siveke (NCT West & UK Essen)

Can we address tumor-host interactions and tumor heterogeneity in PDAC?

Lars Zender (NCT SouthWest & UK Tübingen)

Development of small molecule inhibitors of the dual specificity kinase MKK4: a bench to bedside story from target discovery to clinical testing

Christof von Kalle (Charité, Berlin)

Towards a learning health system in precision oncology

10.20 – 11.00 **Coffee Break | Meet-the-Speaker (Session 3)**

11.00 – 12.20 **Session 4 | New Horizons in the Analysis of Molecular and Clinical Information**

Chair: Marc Zapatka (NCT Heidelberg & DKFZ)

Frederik Damm (NCT Berlin & Charité)

Clonal hematopoiesis and solid cancer

Simon Kreutzfeldt (NCT Heidelberg & DKFZ)

'Great Expectations': A stepwise agentic approach to an LLM-based precision oncology workflow

Julien Vibert (Institut Gustave Roussy, Villejuif)

AI for precision oncology in France: Cancers of unknown primary, sarcomas and beyond...

Florian Markowetz (Cancer Research UK Cambridge Institute, UK)

The 17 deadly CINs - A pan-cancer compendium of chromosomal instability

12.20 – 12.40 **Editorial Perspectives | Navigating Publication in Precision Oncology**

Cansu Cirzi (Scientific Editor, Cancer Cell)

Christoph Plass (Editor-In-Chief, International Journal of Cancer)

Ruzhica Bogeska (Managing Editor, FEBS Press, Molecular Oncology)

12.40 – 13.40 **Lunch Break | Meet-the-Editor and Meet-the-Speaker (Session 4)**

13.40 – 14.25 **Keynote |** Alena Gros Vidal (Vall d'Hebron Institute of Oncology, Barcelona)

Personalized T-cell therapies for solid cancers

Chair: Angelika Riemer (NCT Heidelberg & DKFZ)

14.25 – 14.45 **Legacy Lecture | A Pioneer's View: From First Principles to New Frontiers in Molecular Oncology**

Peter Lichter (NCT Heidelberg & DKFZ)

Lost in translation? How to counteract

Chair: Christof von Kalle (Charité, Berlin)

14.45 – 15.00 **Closing Words |** Stefan Fröhling

15.00 – 16.00 **Coffee / Networking**