

DKTK Berlin Symposium
Friday - February 27, 2026
Rahel Hirsch Center - Foyer
Luisenstr.65, 10117 Berlin

AGENDA

From 8:30 **Registration**

9:00 - 9:10 **Welcome** *Ulrich Keller*

9:10 - 9:40 **Session I: Cancer Immunotherapy** *Chairs: Gerald Willimsky & Johannes Hupp*

Each talk: 10 min
(7' presentation +
3' Q/A)

Improving efficacy of tumor-agnostic peptide:MHC specific CAR-T cells through drug modulated target presentation

Martin Klatt (Young Investigator Grant)

Combining CAR and TCR T cell therapy to improve therapeutic efficacy against neuroblastoma
Lena Andersch

Mechanistic assessment of response and resistance signatures of adoptive T cell therapy in human large B-cell lymphoma

Antonia Busse / Björn Chapuy

9:40 – 10:20 **Session II: Functional Oncology** *Chairs: Christine Sers & Lars Bullinger*

Each talk: 10 min
(7' presentation +
3' Q/A)

Unraveling resistance mechanism of colorectal cancer patients treated with KRASG12C inhibitors and EGFR antibodies for functional oncology

Björn Papke

Leveraging large-scale molecular profiling of primary tumor samples and functional genetic screens for the development of targeted blood cancer therapies

Hazal Köse

Patient-Specific Evolutionary Dynamics in Colorectal Cancer

Soulafa Mamlouk

Decoding and therapeutic targeting of the cellular ecosystem of secondary central nervous system lymphoma with single-cell proteo-genomics

Stefan Habringer (Young Investigator Grant)

10:20 – 10:40 **Coffee break**

10:40 – 11:20

Session III: Molecular Diagnostics & Biomarker Development

Chairs: Hedwig Deubzer & Frank Heppner

Each talk: 10 min
(7' presentation +
3' Q/A)

Clonal Hematopoiesis and Lymphoma-Associated Mutations in Hematopoietic Progenitors in B-Cell Non-Hodgkin Lymphoma

Frederik Damm

Improving the diagnosis of hepato-pancreato-ovarian cancers using DNA methylation

Mihnea Dragomir (Young Investigator Grant)

Identification of proteomic signatures of early cancer suitable for cancer screening *tba*

Proteogenomic analysis for identification of new therapeutic targets and risk classification in multiple myeloma **Isay Martinez**

11:20 – 12:00

Keynote Lecture *Chair: Inmaculada Martínez Reyes*

ImmunoPreCept: Exploring the Health-Disease Bifurcation for Cell-based Molecular Prevention and Interceptive Medicine

Britta Siegmund, Andreas Diefenbach, Nikolaus Rajewsky

12:00 - 13:15

Lunch & Photo session

13:15 - 14:00

Joint Funding Projects *coordinated by DKTK Berlin PIs*

Chairs: Ulrich Keilholz & Sebastian Stintzing

Each talk: 15 min
(10' presentation +
5' Q/A)

LeOPARD: Ad-hoc sequencing of liquid and intra-operative biopsies for point-of-care and rapid molecular diagnostics

Philipp Euskirchen

IDENTI-T: Decoding cellular identities of T-ALL for therapeutic monitoring and targeting by single-cell multi-omics and data-informed cytometry

Stefan Habringer

Decode-UM: Decoding the cellular ecosystem of uveal melanoma for monitoring and therapeutic targeting

Sebastian Ochsenreither

14:00 – 14:20

Coffee break

14:20 – 16:30

Future strategy: From DKTK to NCT - Concept Research Areas 2025–2028

Chairs: Daniel Zips & David Capper

14:20 - 14:30

Short Overview Overall & Berlin Concept *G. Willimsky*

14:30 - 15:00

Cancer Proteomics *P. Mertins, U. Keilholz, H. Demeke, A. Makhmut, J. Nimo*

15:00 - 15:30

Single Cell & Spatial Technologies *S. Haas, U. Keller, S. Habringer, S. Yousefian, C. Eckert*

15:30 - 16:00

Cancer Liquid Biopsy *L. Bullinger, I. Tinhofer-Keilholz, P. Euskirchen, H. Deubzer, B. Spanjaard*

16:00 - 16:30

Cancer Immunopeptidomics & T-Cell Engineering *G. Willimsky, M. Klatt, P. Mertins, M. Alp, Z. Safyürek, B. Atay, K. Zimmermann, A. Rehm*

16:30– 16:45

Feedback Session & Final Discussion *Chairs: Ulrich Keller & Gerald Willimsky*