



**DKTK Berlin Symposium  
January 16- 17, 2025**

Harnack-Haus  
Inhnestraße 16-20, 14195 Berlin

**Agenda**

**Thursday - January 16, 2025** *Hahn Lecture Hall*

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*From 8:30*      Registration

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**9:00 – 9:15**      **Welcome** *Angelika Eggert*

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**9:15 – 10:15**      **Keynote Lectures**    *each 25 min + 5 min discussion*

**Inmaculada Martínez Reyes** - *New DKTK Junior Research Group Leader for Metabolic Networks in Tumor Immunity*

**Johannes Huppa** - *Professor of Tumor Immunology at Charité - Universitätsmedizin Berlin and head of the Institute of Immunology at the Campus Berlin Buch*

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**10:15 – 11:15**      **Session I: Immunotherapy**    *each 15 min + 5 min discussion*

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

**Annette Künkele**

Mechanistic Assessment of Response and Resistance Signatures of Adoptive T cell Therapy in Human Large B-cell Lymphoma

**Antonia Busse /Björn Chapuy**

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

**Martin Klatt (Young Investigator Grant)**

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**11:15 – 11:40**      **Coffee break**

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**11:40 – 13:00**    **Session II: Functional Oncology**    *each 15 min + 5 min discussion*

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

***tba***

Multi-omic patient-specific mechanism of relapse converge on common molecular pathways in mCRC

***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)***

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**13:00 – 14:00**    **Lunch**

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**14:00 – 15:20**    **Session III: Molecular Diagnostics & Biomarker Development**    *each 15 min + 5 min discussion*

Dissecting the mutational landscape of AML with chromosome 7 aberrations

***Frederik Damm***

Tumor microenvironment biomarkers for stratification of lung cancer patients for immunotherapy

***Philip Bischoff (Young Investigator Grant)***

Improving the Diagnosis of Hepato-Pancreato-Ovarian Cancers Using DNA Methylation

***Mihnea Dragomir (Young Investigator Grant)***

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

***Jan Krönke***

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**15:40 -16:10**    **Coffee break**

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**16:10 – 17:30** **Joint Funding Projects** *coordinated by DKTK Berlin PIs - each 15 min + 5 min discussion*

**EXLIQUID:** *Exploiting liquid biopsies to advance cancer precision medicine*  
**Inge Tinhofer-Keilholz**

**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

*tba*

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**18:00** **Networking Dinner**

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**Friday - January 17, 2025** *Hahn Lecture Hall*

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**9:00 – 9:30** **Welcome & Future strategy** *Ulrich Keller*

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**9:30 – 10:30** **Establishment /development of DKTK platforms - part 1** *each 20 min + 10 min discussion*  
Single-cell and spatial technology platform for precision oncology  
*tba*  
Cancer Liquid Biopsy platform  
*Hedwig Deubzer*

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**10:30 – 11:00** **Coffee break**

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**11:00 – 12:00** **Establishment /development of DKTK platforms - part 2** *each 20 min + 10 min discussion*  
Proteomics platform  
*Philipp Mertins*  
Immunopeptidomics/-proteomics platform  
*Gerald Willimsky*

**12:00 – 12:20** **Molecular Diagnostics**  
Identification of proteomic signatures of early cancer suitable for cancer screening  
*Markus Ralser*

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**12:20 – 12:30** **Closing Remarks**

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**12:30 – 13:30** **Lunch**

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**13:30 – 16:30** **DKTK Local Steering Committee Meeting (members only)**

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