

Symposium – Overview

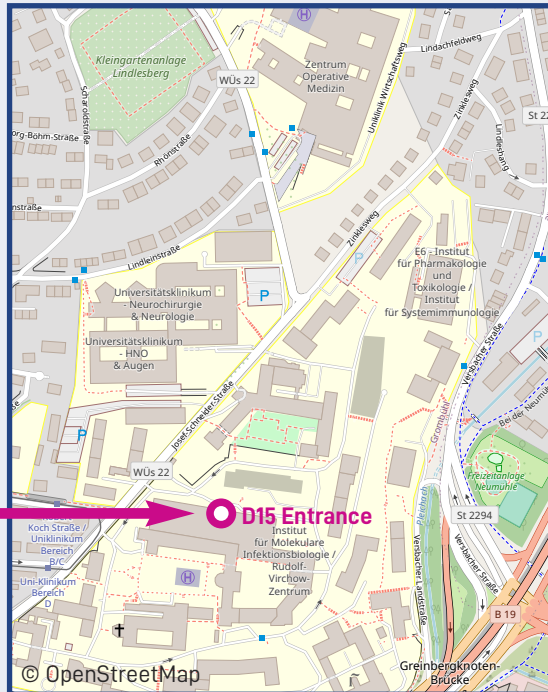
VENUE Rudolf Virchow Center (RVZ) for Integrative and Translational Imaging
Building D15
Josef-Schneider-Str. 2
97080 Würzburg

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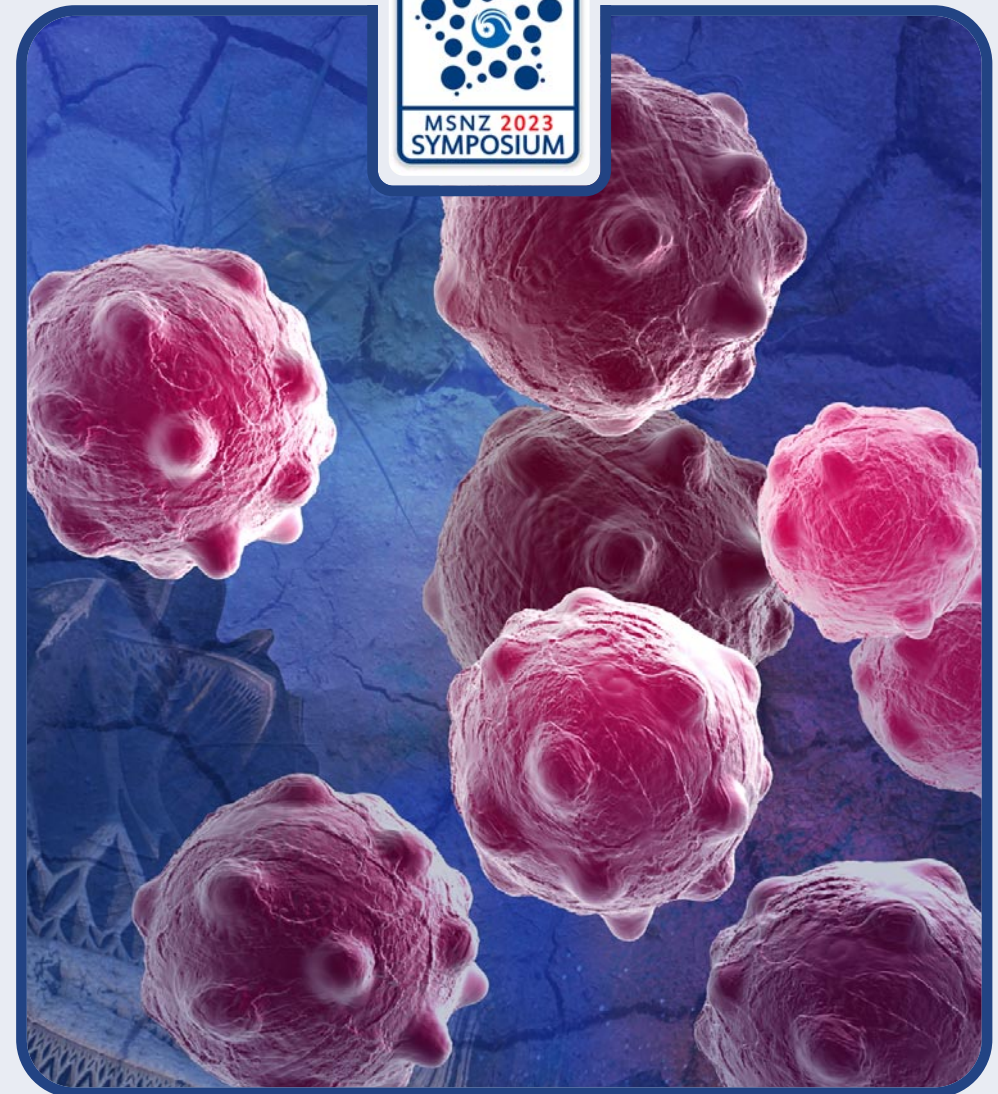
ARRIVAL **Car:** You can enter the campus above building D15 (see photo), until you reach the yard of building D15/D16. The »Klinikringstraße« is interrupted due to construction work near building D20. This closure will eliminate numerous parking spaces in the UKW area C-D (near building D15). If you are unable to find a parking space, additional parking is available in the UKW area A-B (near ZIM/ZOM). The shuttle bus service of the University Hospital can be used free of charge. The bus runs every 10-15 minutes from Monday to Friday between 5:45 and 19:15.

Public transport: Take streetcar lines 1 and 5 from Würzburg central train station (destination: »Grombühl«) to the stop »Uni-Klinikum / Bereich D«. Or take a cab (phone 0931 19410) from the main station with the destination Josef-Schneider-Straße 2, house D15, Rudolf-Virchow-Zentrum.

Follow the footpath barrier-free to the main entrance (foyer) of house D15.



MILDRED-SCHEEL-NACHWUCHSZENTREN Symposium 2023



Tuesday, February 07th

- 13:00-14:00 Registration and Welcome Snack
 14:00-14:05 Welcome Address **Paul Pauli** (President JMU)
 14:05-14:10 Welcome Address **Franz Kohlhuber** (Chairman DKH)
 14:10-14:15 Welcome Address **Reinhard Jahn** (Reviewer)

Session I: Microenvironment and Cancer Progression – Chairs: **Nina Struve / Johannes Brägelmann**

- 14:20-14:35 **Matthias Schneider**, ABCD: Tumor networks in glioblastoma
 14:35-14:50 **Angela Riedel**, Würzburg: Tumor-draining lymph node fibroblasts support pre-metastatic niche formation by promoting immunosuppressive cellular networks
 14:50-15:05 **Simon Joosse**, Hamburg: Liquid biopsy for the management of ovarian cancer patients
 15:05-15:20 **Lydia Meder**, ABCD: Blocking the Angiopoietin-2/integrin beta-1 signaling axis abrogates tumor cell invasion and metastasis in small cell lung cancer

15:20-15:40 Coffee / Conversion Break

Session II: Cancer Genetics – Chairs: **Annika Wefers / Dominik Denk**

- 15:40-15:55 **Jovan Mircetic**, Dresden: Forward genetics approaches to two problems of gastric cancer
 15:55-16:10 **Katharina Imkeller**, Frankfurt: Computational approaches to study human immunogenetic diversity
 16:10-16:25 **Anna Poetsch**, Dresden: Extracting the genetic code of stability
 16:25-16:40 **Katharina Weber**, Frankfurt: Deciphering the cellular composition of diffuse glioma by use of epigenetic traits

16:40-17:00 Coffee Break

Flash Talk Session I – Chair: **Ann-Christin Hau**

- 17:00-17:03 **Mareike Müller**, Würzburg: Drug-resistant immune cells in combination with Aurora-A inhibition as a new strategy for neuroblastoma
 17:03-17:06 **Eva Rettinger**, Frankfurt: Hacking metastatic alveolar rhabdomyosarcoma by ErbB2-CAR-NK-92 (NK-92/5.28.z)
 17:06-17:09 **Sophie Pählig**, Dresden: Cell autonomous interaction between Dickkopf-1 (DKK1) and proteostasis in prostate cancer
 17:09-17:12 **Michael Bockmayr**, Hamburg: Characterization of the liquorigenic seeding and identification of metastatic risk factors in medulloblastoma with morpho-molecular profiling and machine learning

Keynote Lecture

- 17:30-18:30 **Thomas Oellerich**, Frankfurt: Precision Medicine in Lymphoma

Flash Talk Session II – Chair: **Kai Kretzschmar**

- 18:40-18:43 **Catena Kresbach**, Hamburg: Molecular and clinical refinement of atypical neurofibromas
 18:43-18:46 **Anjali Cremer**, Frankfurt: Identification of new druggable non-oncogene signaling mechanisms that inhibit MEIS1 in MLLr acute leukemia
 18:46-18:49 **Michaela Reißland**, Würzburg: Control of β -Catenin-WNT signalling by USP10 in APC-truncated colorectal cancer drives cancer stemness and enables super-competitor signalling
 18:49-18:52 **Sanika Jahagirdar**, Dresden: Biophysical analysis of heterogeneity in subtypes of gastric cancer patient-derived organoids

Poster Session and Snack, Get-Together, Networking

- 19:00-20:00 Presentation (uneven poster numbers)
 20:00-21:00 Presentation (even poster numbers)

Wednesday, February 08th

- 8:00-8:30 Registration and Welcome Snack

Session III: Hematopoietic Cancers / Bone Marrow Associated Cancers – Chairs: **Sophia Danhof / Daniel Bachurski**

- 8:30-8:45 **Leo Rasche**, Würzburg: New insights on spatial heterogeneity in Multiple Myeloma
 8:45-9:00 **Franziska Brauneck**, Hamburg: Blockade of TIGIT on AML-derived M2 macrophages enhances CD47-mediated phagocytosis in AML
 9:00-9:15 **Konstantinos Kokkalis**, Frankfurt: Multiplex quantification of bone marrow hematopoietic microenvironment(s) in leukemia and response to chemotherapy

9:15-9:30 Coffee / Conversion Break

Short Talk Session – Chairs: **Anna Poetsch / Sebastian Wolf**

- 9:30-9:35 **Claudia Arndt**, Dresden: UniCAR-T cell theranostics for acute myeloid leukemia
 9:35-9:40 **Christine Nitschke**, Hamburg: Patient-specific drug screening and biomarker research in pancreatic ductal adenocarcinoma using newly established tumoroids
 9:40-9:45 **Patrizia Malkomes**, Frankfurt: The molecular role and clinical significance of Transglutaminase 2 in cancer progression
 9:45-9:50 **Dimitrios Papadopoulos**, Würzburg: Interaction with nascent RNA drives a fundamental change in cellular MYCN complexes
 9:50-9:55 **Sophia Danhof**, Würzburg: Alternative CAR-T cells for the treatment of multiple myeloma
 9:55-10:00 **Sebastian Koschade**, Frankfurt: Translatome proteomics identifies autophagy as a resistance mechanism to on-target FLT3 inhibitors in acute myeloid leukemia
 10:00-10:05 **Manisha Goel**, Dresden: T cell receptor sequencing from gut biopsies
 10:05-10:10 **Wael Mansour**, Hamburg: Targeting double strand break repair in prostate cancer to achieve personalized therapy

10:10-10:45 Coffee Break

Session IV: Translational Oncology – Chairs: **Angela Riedel / Jovan Mircetic**

- 10:45-11:00 **Nina Struve & Martin Mynarek**, Hamburg: Radiobiology of medulloblastoma – from preclinical testing to clinical trials
 11:00-11:15 **Kai Kretzschmar**, Würzburg: Ex vivo expansion of tumour-reactive T cells using oral cancer organoid cultures
 11:15-11:30 **Mohamed Elgendy**, Dresden: Cancer, from an energetic point of view
 11:30-11:45 **Johannes Brägelmann**, ABCD: Finding the Achilles' heels: Strategies targeting immune-interactions and drug resistance in lung cancer
 11:45-12:00 **Elmar Wolf**, Würzburg: MYC inhibition plus immunotherapy: a novel therapeutic concept and its pharmaceutical implementation

Farewell, Closing Remarks

- 12:00-12:05 **Martin Eilers**, Würzburg

12:10 Lunch – Networking

Closed Sessions

- 13:00-13:10 Meeting DKH / MSNZ Spokespersons
 13:15-15:15 Network Meeting
 15:15-15:45 Consultation DKH / Reviewer