

## GENERAL INFORMATION

### SPEAKERS

Ilaria Elia, Leuven • Johannes Meiser, Luxembourg • Wilhelm Palm, Heidelberg • Gorjana Rackov, Heidelberg • Simon Reider, Linz • Klaus Schmetter, Vienna • Daniel Sevin, Heidelberg • Thomas Seyfried, Boston • Alpaslan Tasdogan, Essen • Kathrin Thedieck, Innsbruck • Sai Wang, Mannheim

### OFFICIAL WEBSITE AND REGISTRATION

<https://www.conferencecentral.org/27>



Participation is free of charge, but room capacity is limited.

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## SYMPOSIUM ORGANISATION AND CONTACT

**Metabolomics Core Technology Platform**  
Heidelberg University  
Im Neuenheimer Feld 360  
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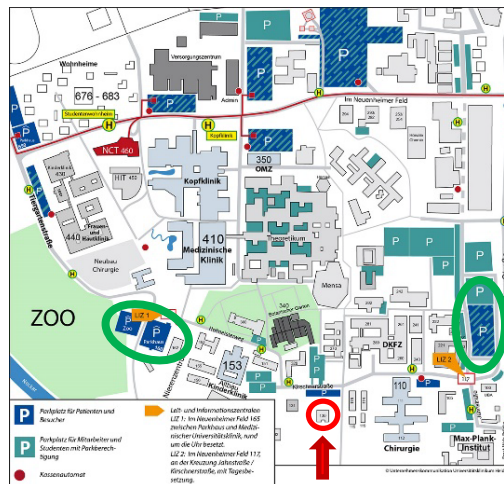
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**Metabolic Crosstalk in Cancer**  
German Cancer Research Center  
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### VENUE

Communication Center of DKFZ  
Im Neuenheimer Feld 280  
69120 Heidelberg

Please use the parking garages marked in green for car parking.



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dkfz. DEUTSCHES  
KREBSFORSCHUNGSZENTRUM  
IN DER HELMHOLTZ-GEMEINSCHAFT

50 Jahre – Forschen für  
ein Leben ohne Krebs

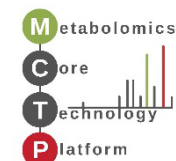


## HEIDELBERG METABOLOMICS SYMPOSIUM 2023

### METABOLISM IN CANCER AND INFLAMMATION RESEARCH

SEPTEMBER 26

COMMUNICATION CENTER  
GERMAN CANCER RESEARCH CENTER  
IM NEUENHEIMER FELD 280  
69120 HEIDELBERG, GERMANY



8:30 Registration

## Session I : METABOLOMICS IN CANCER RESEARCH #1

CHAIR: Prof. Dr. Rüdiger Hell (Dean of the Faculty for Biosciences, University HD)

09:00 - Methionine and Tryptophan Metabolism control oncogenic Signaling through the PI3K-mTOR Network

Prof. Dr. Kathrin Thedieck

Metabolic Signaling, University Innsbruck, Austria

09:30 - Targeting metabolic Liabilities in Cancer Metastasis

Prof. Dr. Alpaslan Tasdogan

Tumor Metabolism, University Clinics Essen, Germany

10:00 - The Role of Cancer Cells in Dictating anti-tumor Immune Responses by Modulation of specific Metabolic Pathways

Prof. Dr. Ilaria Elia

Metabolic Regulation of Cell Function, KU Leuven, Belgium

10:45 Coffee Break

11:15 - Plasticity of One-Carbon Metabolism in Context of Cancer

Dr. Johannes Meiser

Cancer Metabolism, Luxembourg Institute of Health, Luxembourg

11:45 - Synergistic Effects of PARP Inhibition and Cholesterol Biosynthesis Modulation

Dr. Daniel Sevin

Metabolomics, GSK Cellzome, Heidelberg, Germany

12:15

Discussion

Prof. Dr. Rüdiger Hell

Centre for Organismal Studies, Heidelberg University, Heidelberg, Germany

12:30 Lunch Break & Get-Together



## Session II : METABOLOMICS IN INFLAMMATION RESEARCH

CHAIR: TBD

13:30 - Metabolomic Determinants of Response to Therapy with the Anti-Integrin Antibody Vedolizumab in Inflammatory Bowel Diseases

Dr. Simon Reider

Gastroenterology, Hepatology & Endocrinology, Johannes Kepler University Linz, Austria

14:00 - A Multi-Omics based anti-inflammatory Immune Signature characterizes long COVID-19 Syndrome

Prof. Dr. Klaus Schmetterer

T-cell regulation, immunopharmacology, tumor immunology, Medical University Vienna, Austria

14:30 - TGFb1 inhibits Cholesterol Metabolism in Hepatocytes to facilitate Cell Death, EMT, and Signals for HSC Activation

Dr. Sai Wang

Molecular Hepatology, University Clinics Mannheim, Germany

15:30 - Mitochondrial Dysfunction in Autoimmunity and Neuroinflammation – the Role of Extracellular Vesicles

Dr. Gorjana Rackov

Tracing Immune Cell Dysfunction in Autoimmunity and Neuroinflammation, BiomedX, Heidelberg, Germany

15:30 Coffee Break

## Session III : METABOLOMICS IN CANCER RESEARCH #2

16:00 – Metabolic Stress Adaptations in Cancer

Dr. Wilhelm Palm

Cell Signaling and Metabolism, German Cancer Research Center (DKFZ) Heidelberg, Germany

16:30 - Cancer as a Mitochondrial Metabolic Disorder

Prof. Dr. Thomas Seyfried

Biology Department, Boston College, USA

17:00 End of Symposium



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