



RESEARCH PLATFORM METABOLISM
MEDICAL UNIVERSITY OF VIENNA

Retreat Metabolism Platform

Monday, 14th September 2026, 9.00 am – 6.00 pm

Josephinum, Medical University of Vienna
Währinger Straße 25, 1090 Vienna

rpm.meduniwien.ac.at/retreat2026

Programme

8.30 – 9.00 am

Open Doors

9.00 – 9.10 am

Welcome

Michael Trauner, Speaker Metabolism Platform,
Department of Medicine III, Division of Gastroenterology
and Hepatology, MedUni Vienna

9.10 – 10.10 am

Keynote Lecture 1

Introduced by Thomas Weichhart, Center for Pathobio-
chemistry and Genetics, Institute of Medical Genetics,
MedUni Vienna

Posttranscriptional protein modifications at the interface between lipid metabolism and immunity

Luciana Berod, Institute of Molecular Medicine,
University Hospital, Johannes Gutenberg University Mainz

10.10 am – 12.00 pm

Seeding Grant Awardees 2025

Moderation:

Boryana Petrova, Core Facilities, MedUni Vienna

Click-MET-Flow: A click-chemistry platform to resolve cellular nutrient uptake dynamics

Felix Richter, Center for Pathophysiology, Infectiology
and Immunology, Institute for Hygiene and Applied
Immunology, MedUni Vienna

Role of physiological folates in the mode of action of methotrexate

Markus Kieler, Department of Biomedical Imaging and
Image-Guided Therapy, MedUni Vienna

10.40 – 11.00 am

Break

Targeting APRIL reduces circulating triglyceride levels

Viktoria Juhasz, Department of Laboratory Medicine,
MedUni Vienna

Immune-metabolic interactions linking local immune activation to systemic physiology

Jayne Louise Wilson, Center for Pathobiochemistry and
Genetics, Institute of Medical Genetics, MedUni Vienna

A novel carbohydrate kinase network regulates macrophage metabolic reprogramming and effector function

Arvand Haschemi, Department of Laboratory Medicine,
MedUni Vienna

Exploration of “Obesogenic Memory” by targeted metabolomics in mice

Marianna Beghini, Department of Medicine III,
MedUni Vienna

12.00 – 1.00 pm

Lunch

1.00 – 2.00 pm

Keynote Lecture 2

introduced by Anne Miller, Center for Pathobiochemistry
and Genetics, Institute of Medical Genetics,
MedUni Vienna

Chromatin beyond epigenetics: A macromolecular metabolic sponge

Sara Sdelci, Centre for Genomic Regulation, Barcelona,
Spain

2.00 – 2.25 pm

Seeding Grant Awardees 2026

Awards Ceremony – Seeding and Travel Grants

Moderation:

Thomas Scherer, Department of Medicine III, Division of Endocrinology and Metabolism, MedUni Vienna

Comparative organelle architecture as a blueprint of longevity

Nicolo Sbardellati, Department of Biomedical Imaging and Image-guided Therapy, Division of Endocrinology and Metabolism, MedUni Vienna

The metabolic landscape of adipose tissue remodeling driven by chronic mental stress

Maximilian Krisch, Department of Biomedical Imaging and Image-guided Therapy, Division of Nuclear Medicine, MedUni Vienna

Identifying systemic metabolic pathways underlying imaging-defined neurodegeneration in MS using plasma metabolomics

Rebeka Rumbak, Department of Biomedical Imaging and Image-guided Therapy, MedUni Vienna

The metabolic impact of hyperammonemia during viral infection

Henrique Guerra Gonçalves Colaço, Center for Pathophysiology, Infectiology and Immunology, Institute for Hygiene and Applied Immunology, MedUni Vienna

Investigating neuro-metabolic coupling along the stress–brain–tumor axis in NSCLC

Chrysoula Vraha, Department of Biomedical Imaging and Image-guided Therapy, MedUni Vienna

2.25 – 3.00 pm

Break

3.00 – 5.00 pm

Project Updates

Moderation:

Michael Trauner, Speaker Metabolism Platform, Department of Medicine III, Division of Gastroenterology and Hepatology, MedUni Vienna

Metabolic perspectives on SGLT2i-induced cardioprotection

Attila Kiss, Center for Biomedical Research and Translational Surgery, MedUni Vienna

Purines as novel immunometabolites of CD8+ T cells

Andreas Bergthaler, Center for Pathophysiology, Infectiology and Immunology, Institute for Hygiene and Applied Immunology, MedUni Vienna

Arginine metabolism in myeloid cells

Gernot Schabbauer, Center for Physiology and Pharmacology, Institute of Vascular Biology and Thrombosis Research, MedUni Vienna

Nuclear metabolic pathways regulate epigenetic states in liver homeostasis and regeneration

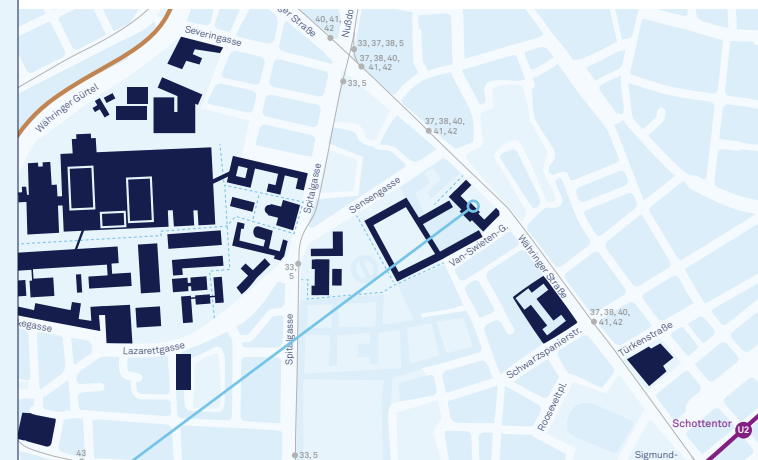
Anne Miller, Center for Pathobiochemistry and Genetics, Institute of Medical Genetics, MedUni Vienna

5.00 – 6.00 pm

Networking

Registration:

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In Cooperation with the Austrian Science Fund, Cluster of Excellence, MetAGE: Metabolic control of aging and disease – from models to humans and Cluster of Excellence, Neuronal circuits in health and disease



Please be aware that photographs and/or video footage will be taken at the event. These may be used for the purpose of documenting or reporting the event and published in print and online media, on various social media platforms and on MedUni Vienna's website.