



GRK1957 Adipocyte-Brain Crosstalk Final Meeting & CBBM Research Day 2023
University of Lübeck, CBBM Building, Foyer

Thursday, October 5th, 2023

- 13:00 – 13:25 Registration
- 13:25 – 13:40 Opening Greetings by **Henrik Oster**, University of Lübeck
History of the ABC-RTG by **Hendrik Lehnert**, Paris Lodron University Salzburg

Session 1 – The Endocrine Brain (Chairs: Markus Schwaninger, Sarah Sentis)

- 13:40 – 14:10 **Ulrich Boehm**, Saarland University
Windows into the brain: Bitter tasting tanycytes and sexually dimorphic control of metabolism
- 14:10 – 14:40 **Helge Müller-Fielitz**, University of Lübeck
Tanycytes and the interplay between periphery and hypothalamus
- 14:40 – 15:10 **Liana Okudzhava**, University of Lübeck
Interplay between the amount and distribution of white adipose tissue and brain structure
- 15:10 – 15:40 **Olaf Hiort**, University of Lübeck
Sex diversity in biological research
- 15:40 – 16:00 Coffee Break

Session 2 – Central Adipose Regulation (Chairs: Britta Wilms, Andreea Constantinescu)

- 16:00 – 16:30 **Paul Pfluger**, Helmholtz Center Munich
Obesity and the leptin blame game
- 16:30 – 17:00 **Henriette Kirchner**, University of Lübeck
Regulation of energy and glucose homeostasis by adipose tissue DNA methylation
- 17:00 – 17:30 **Dorothea Ziemens**, University of Lübeck
Carbon Dioxide inhibits brown fat thermogenesis in a cerebrovascular reactivity-susceptible manner
- 17:30 – 18:00 **Jens Mittag**, University of Lübeck
Activation of brown fat for metabolic benefit



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Poster Session in BMF Passage

18:00 – 18:45 Session 1

18:45 – 19:30 Session 2

GRK1957 Alumni Meeting in S1/S2

19:30 – 20:30 Dinner Buffet

Friday, October 6th, 2023

08:45 – 09:00 Arrival and Welcome Back

Session 3 – Metabolic Connections (Chairs: Henriette Kirchner, Francesco Arioli)

09:00 – 09:30 **Meriem Ouni**, German Institute of Human Nutrition (DIFE)
Transcriptional and epigenetic plasticity after weight loss

09:30 – 10:00 **Walter Raasch**, University of Lübeck
The Renin Angiotensin Aldosterone System affects Cardiovascular outcome and metabolic Homeostasis

10:00 – 10:30 **Ralf Ludwig**, University of Lübeck
Systemic chronic inflammation: A link between metabolism and chronic inflammatory diseases

10:30 – 11:00 **Sarah Jessen**, University of Lübeck
The role of olfaction in early social development

11:00 – 11:20 Coffee Break

Keynote Lecture (Chair: Henrik Oster)

11:20 – 12:00 **Eicke Latz**, German Rheumatism Research Centre Berlin/Charité
Universitätsmedizin Berlin
Identification of an endogenous TLR ligand driving metaflammation

12:00 – 12:05 Closing Remarks by Henrik Oster
and Awards for Best Poster 2023

12:05 – 12:35 Lunch