

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

**Thursday, October 5<sup>th</sup>, 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

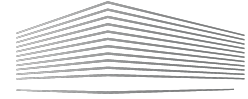
16:30 – 17:00 **Henriette Kirchner**, University of Lübeck  
Regulation of energy and glucose homeostasis by adipose tissue DNA methylation

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

18:00 – 20:00 Poster Session

GRK1957 Alumni Meet & Greet



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19:30 – 21:00      Dinner Buffet

**Friday, October 6<sup>th</sup>, 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**, University Hospital Bonn  
Identification of an endogenous TLR ligand driving metaflammation

12:00 – 12:05      Closing Remarks by Henrik Oster  
and poster awards

12:05 – 12:35      Lunch