



## CBBM Research Day - Monday, October 13, 2025

10:00 Introduction

10:05 Neural basis of value-based decision making by Alexander Soutschek

(Ludwig-Maximilian University Munich)

Flash Talks, 2 min

- 10:50 *Emilia Greif/Leon Franz*: In search of lab-engineered PASTA (AG Borgwardt)  
10:53 *Mushfa Yousuf*: Dopaminergic modulation of semantic congruency: evidence from pharmacological EEG (AG Bunzeck)  
10:56 *Robin Nehler*: How do babies and young children learn about their social and physical environment? (AG Jessen)  
10:59 *Jovana Lehmann-Grube*: The effect of odour cues during sleep on the efficacy of trauma-focused treatment in post-traumatic stress disorder (PTSD) (AG Wilhelm-Groch)  
11:02 *Rebekka Lencer*: Non-pharmacological treatment approaches for people experiencing psychotic symptoms (AG Lencer)  
11:05 *Tom Frankenstein*: The role of pain size in spatial summation (AG Lüdtkke)  
11:08 *Shu Zhang*: The effect of non-invasive stimulation on spindle duration and overnight memory retention (AG Marshall)  
11:11 *Andreas Sprenger*: Sensory (mis-)integration in vestibular and neurodegenerative diseases (AG Sprenger/Helmchen)  
11:15 POSTERS (mostly from the morning session) & Coffee break

12:30 Lunch break (individual)

14:00 Neuroepigenetics and Disease by Olivia Engelmann (Friedrich Schiller University Jena)

Flash Talks, 2 min

- 14:50 *Andre Finemann*: Development of a gene panel for Parkinson's disease and repeat expansion disorders using long-read adaptive sampling (AG Trinh)  
14:53 *Ronja Schappert*: Eye blinking abnormalities in Tourette syndrome: Blink more or blink differently? (AG Münchau/Weissbach)  
14:56 *Merle Schuckart*: Great Expectations: Age and Reliance on Priors Shape Surprisal Effects in Reading (AG Obleser)  
14:59 *Christina Stanke*: Reactive oxygen species and their potential contribution to sodium channelopathies (AG Leipold)  
15:02 *Paula Lünswilken*: Weight-independent Improvement of Liver Fibrosis with Semaglutide versus Bariatric Surgery and Lifestyle Therapy in Obesity (AG Meyhöfer)  
15:05 *Riccardo Dore*: How thyroid hormones make your heart beat faster (AG Mittag)  
15:08 *Akila Chandrasekar*: Thyroid hormone receptors in the hypothalamic regulation of metabolism (AG Mueller-Fielitz)  
15:11 *Tjale Schütz*: Circadian rhythms in human epicardial adipose tissue (AG Oster)  
15:15 *Manon Rivagorda*: The role of tanycytic cilia in hypothalamic functions (AG Schwaninger)  
15:20 POSTERS (mostly from the afternoon session) & Coffee break

16:30 Neuroscience - Being a neuroscientist in the 21st century: Why and how

should we study the brain? by Andreas Draguhn (Heidelberg University)

> 17:20 All POSTERS \*\*\* Results of Flash talk surveys \*\*\* Social & scientific exchange