6th UQ-QBI-SBMS/LMU-MCN-GSN Scientific Meeting, October 02, 2025

Wednesday, Oct.01 ***Arrival*** (individually arranged)
IZB Residence CAMPUS@HOME (address below)

Thursday, Oct.02 **LMU Biocenter, Grosshadernerstr.2, 82152 Martinsried, D00.003**

- 09:00-09:10 *Walk* from IZB Residence to LMU Biocenter, and registration

- 09:10-09:15 *Welcome address* (B.Grothe LMU-MCN-GSN; M.Piper UQ-QBI-SBMS)

- 09:15-10:55 ***Session 1 –*** **"Neural plasticity, development and evolution"**
Götz/Fenlon/Suarez/Pravata
(Chair: L.Fenk)
Coffee break (catered; foyer D00.003)
- 11:25-13:05 ***Session 2 –*** **"Neural development and decision making"**
Piper/Mayer/Heisterkamp/Kesby
(Chair: D.Keays)
Lunch break (catered; foyer)
- 14:30-16:10 ***Session 3 –*** **"Cognition and chronobiology"**
Knolle/Fenzl/Robles/Rawashdeh
(Chair: M.Merrow)
Coffee break (catered; foyer)
- 16:40-18:20 ***Session 4 –*** **"Neuroimmunology, neural injury and repair"**
Bareyere/Plesnila/Balbi/Willis
(Chair: G.Rammes TBC)
- 18:20-18:25 *Closing remarks* (M.Piper UQ-QBI-SBMS; O.Behrend LMU-MCN-GSN)

- 18:45-open *Bavarian Conference Evening* (**Fürstenrieder Schwaige, Forst-Kasten-Allee 114, 81475 München**; *transfer pre-arranged* at IZB Residence)

Friday, Oct.03 **IZB Residence CAMPUS@HOME, Am Klopferspitz 21, 82152 Martinsried**
Departure (individually arranged)

UQ-QBI-SBMS: Speakers, Titles:
Mathilde Balbi, Modulating brain oscillations to induce recovery of function after stroke
Laura Fenlon, How developmental timing can shape mammalian brain development and evolution
James Kesby, Decision-making in schizophrenia: a translational pathway towards neurobiology
Michael Piper, Epigenetic modifiers in development and disease
Oliver Rawashdeh, New perspectives on the molecular control of circadian timing and sleep
Rodrigo Suarez, Marsupials illuminate the onset of neural activity patterns in the developing cortex
Emily Willis, Neurons rely on microglial gp130 signalling for survival after neural injury

LMU-MCN-GSN: Speakers, Titles:
Florence Bareyre, Rewiring the injured CNS: unlocking plasticity for recovery
Veronica Pravata (Silvia Cappello lab), An evolutionary glycosylation change in DCHS1 shapes forebrain development in modern humans
Thomas Fenzl (TUM), Circadian EEG-parameter potentially predict the development of an postanesthetic delirium
Magdalena Götz, How to replace neurons - from transplantation to neuronal reprogramming
Patrick Heisterkamp (David Keays lab), The mechanisms of the MAST1-associated Mega-Corpus Callosum Syndrome
Franziska Knolle (TUM), Alterations in predictive language processing in different stages of psychosis: links to dopamine and glutamate
Christian Mayer (MPI-BI), Specifying inhibitory neuron identity: regulatory mechanisms in development
Nikolaus Plesnila, Mechanisms of reperfusion failure after ischemic stroke
Maria Robles, Disentangling Circadian and Homeostatic Mechanisms of Sleep Control

Session Chairs:
Lorenz Fenk, MPI-BI
David Keays, LMU
Martha Merrow, LMU
Gerhard Rammes, TUM, TBC