

SynAGE Workshop

Assessment of vascular and (g)lymphatic functions

08:45 **Arrival and registration**

Block A: Imaging

9:00 **Introduction into vascular and (g)lymphatic system of the brain in health and disease**
by Stefanie Schreiber, Department of Neurology, MED, OVGU

9:45 **7T neurofluid imaging**
by Hendrik Mattern, Biomedical Magnetic Resonance (BMMR), FNW, OVGU

10:15 **Coffee Break**

10:45 **In-vivo imaging of vascular and (g)lymphatic system of the human brain: PVS**
by Jose Bernal, German Center for Neurodegenerative Diseases (DZNE) MD

11:15 **Measuring CVR with fMRI**
by Niklas Behrenbruch, German Center for Neurodegenerative Diseases (DZNE) MD

11:45 **In-vivo imaging of vascular and (g)lymphatic system of the human brain: PET**
by Anne Maass, German Center for Neurodegenerative Diseases (DZNE) MD

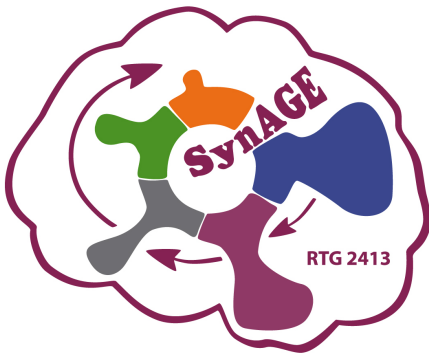
12:15-13:00 **Lunch Break**

24.10.2024
tba

8:45 a.m. – 4:15 p.m.

Organizer contact info:

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Block B: Lab

- 13:00 **Vascular imaging (via Zoom)**
by Martin Lauritzen, University of Copenhagen, DK
- 13:45 **Understanding the NVU**
by Lorena Morton, Institute of Inflammation and Neurodegeneration, MED, OVGU
- 14:15 **In vitro human models of BBB**
by Sven Fengler, German Center for Neurodegenerative Diseases (DZNE) Bonn
- 14:45 **Coffee Break**
- 15:15 **Assessing of outcome measures for cognition and behavior on preclinical level, electrophysiological and synaptic measures**
by Alexander Dityatev, German Center for Neurodegenerative Diseases (DZNE) MD
- 15:45 **Wrap-up and farewell**

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