



# SynAGE WORKSHOP

## Assessment of vascular and (g)lymphatic functions

05.05.2022 | 09:15 a.m. – 5:00 p.m. | Medical Faculty, House 22, SR3

## PROGRAM

Theory and Methods: SOPs and protocols on specific assays

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09:15 a.m. Arrival and Registration

### Block A: Human brain imaging

09:30 a.m. Stefanie Schreiber (*Clinic of Neurology and DZNE*)  
Introduction into vascular and (g)lymphatic system of the brain in health and disease

10:15 a.m. Hendrik Mattern (*Institute of Physics, OVGU*)  
In-vivo imaging of vascular and (g)lymphatic system of the human brain with MRI

10:45 a.m. **Coffee break**

11:15 a.m. Stefanie Schreiber (*Clinic of Neurology and DZNE*) and Anne Maass (*DZNE*)  
In-vivo imaging of vascular and (g)lymphatic system of the human brain with FDG /Amyloid and tau-PET

12:15 p.m. Valentina Perosa (*Harvard Medical School, Boston*)  
Ex-vivo imaging of brain clearance in humans (via Zoom)

12:45 p.m. **Lunch Break**



## Block B: Preclinical and cognitive measures

- 01:30 p.m. Deniz Yilmazer-Hanke (*Dept of Clinical Neuroanatomy, University Hospital Ulm*)  
Histopathology of CSVD
- 02:00 p.m. Constanze Seidenbecher (*LIN*)  
ECM biomarkers in CSF
- 02:30 p.m. Alexander Dityatev (*DZNE*)  
Assessing outcome measures for cognition and behavior on preclinical level, electrophysiological and synaptic measures
- 03:00 p.m. **Coffee Break**
- 03:30 p.m. David Berron (*DZNE*)  
Assessing outcome measures for cognition and behavior on clinical level, cognitive digital biomarkers of MTL functions
- 04:00 p.m. Humberto Mestre (*University of Pennsylvania, Philadelphia*)  
Two-photon imaging of vascular and (g)lymphatic functions in rodents (via Zoom)
- 04:45 p.m. Wrap-up and farewell
- 05:00 p.m. End
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Registration: [contact@synage.de](mailto:contact@synage.de)

Gefördert durch

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