



Squad B Meeting

Microvascular injury-induced synaptic remodeling in the ageing brain

- 10:15 Welcome
- 10:20 Akilashree Senthilnathan
Vascular remodeling in ageing brain
- 11:05 Alexander Dityatev
Ginsenoside Rg2 as an NLRP3 inflammasome inhibitor for the treatment of secondary brain damage in vascular pathologies
- 11:35 Coffee break
- 11:45 José Bernal
DRIPS: Domain Randomization for Image-based Perivascular spaces Segmentation
- 12:30 Eric Einspänner (via Zoom)
Study to assess the effect of sleep deprivation on PVS with 7T MRI
- 13:00 Lunch

14.11.2025
10:00 a.m.

IBIO | Haus 91
room 001



Guest Lecture Squad B Meeting

Within the framework of the upcoming SynAGE Squad B Meeting on November 14th, 2025

Prof. José Bernal

Artificial Intelligence in Biomedical Engineering
Friedrich-Alexander-Universität Erlangen Nürnberg

will present a lecture on

DRIPS

*Domain Randomization for Image-based
Perivascular spaces Segmentation*

14.11.2025

11:45 a.m.

**IBIO | Haus 91
room 001**

Organizer contact info

Dr. Dana Zöllner | synage@ovgu.de | rtg2413.med.ovgu.de



Guest Lecture Squad B Meeting

Within the framework of the upcoming SynAGE Squad B Meeting on November 14th, 2025

Eric Einspänner

Universitätsklinik für Neuroradiologie

Head of working group „Data Science und KI“ DGMP

will present an online-lecture on

*Study to assess the effect of sleep deprivation on PVS
with 7T MRI*

14.11.2025

12:30 a.m.

**IBIO | Haus 91
room 001**

Organizer contact info

Dr. Dana Zöllner | synage@ovgu.de | rtg2413.med.ovgu.de