

**ZSN final examination
PhD programme "Systems Neuroscience"**

Friday, 10 October 2025

Moderation: Richter Assêncio

Laura Heydemann
09:00–10:00 "Long-term consequences of respiratory SARS-CoV-2 infection in the Syrian golden hamster model with a particular focus on the pulmonary neuroendocrine system"
Institute of Pathology, TiHo
Baumgärtner, von Köckritz-Blickwede, Viejo-Borbolla

Tom Schreiner
10:00–11:00 "Morphologic examination of upper respiratory tract epithelium with special consideration of olfactory epithelium after SARS-CoV-2 infection"
Institute of Pathology, TiHo
Baumgärtner, von Köckritz-Blickwede, Claus

11:00–11:20 **Break**

Moderation: Mazzuoli-Weber

Isabell Drath
11:20–12:20 "Application of microRNA as a potential novel therapeutic strategy in Parkinson's disease"
Institute of Pharmacology, Toxicology and Pharmacy
Richter Assêncio/Feja (Jun.), K. Jung, M. Bankstahl

Franziska Maria Decker
12:20–13:20 "Selective attention and stimulus evaluation in the medial prefrontal cortex of rats: translational aspects using the auditory three-class oddball paradigm"
Clinic for Neurosurgery, MHH
Schwabe, Haastert-Talini, Ngezahayo

10.09.2025, under reservations

Extraordinary defence dates:

Monday, 22 September 2025

TiHo, *Klinikum am Bünteweg*, big lecture hall, Bünteweg 9

Moderation: Haastert-Talini

Samira Abani
15:15– “The application of artificial intelligence in veterinary neurology: Opportunities, risks, and
16:15 future perspectives”
Clinic for Small Animals, TiHo
Volk, Gernert, Beißner

Wednesday, 29 October 2025

TiHo, Institute of Animal Genomics, lecture hall

Moderation: Ponimaskin

Nadine Jessica Smandzich
10:15– “Metabolomics and proteomics in multiple system atrophy (MSA)”
11:15 Clinic for Neurology, MHH
Wegner, Hildebrandt, Richter Assêncio

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