

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

Friday, 4 April 2025

Moderation: Ponimaskin

Kristina Lau
09:00–10:00 "The impact of alpha-synuclein overexpression and LPS exposure on the neurovascular unit in a Parkinson's disease mouse model"
Institute of Pharmacology, Toxicology and Pharmacy, TiHo
Richter Assêncio, Beineke, Wegner

Leonie Baldauf
10:00–11:00 "Potential of exercise to improve behavioral and histological alterations in a model of prodromal Parkinson's disease (Thy1-aSyn mice)"
Institute of Pharmacology, Toxicology and Pharmacy, TiHo
Richter Assêncio, Volk, Altenmüller

Lorna Jubran-Rudolf
11:00–12:00 "Pathological changes in neuronal and glial cells in a murine model for human GM1-gangliosidosis"
Institute of Pathology, TiHo
Baumgärtner, Felmy, Schwabe

12:00–12:20 **Lunch Break**

18.03.2024, under reservations

Moderation: Haastert-Talini

Stine Alpheis
12:20– “Stress and movement learning – Exploring the neurological impact of childhood
13:20 adversity on musician's dystonia”
Institute of Music Physiology and Musicians' Medicine, HMTMH
Altenmüller, T. Krüger, Felmy

Pauline Pöpperl
13:20– “Characterization of alveolar macrophages in canine distemper: Early mechanisms of
14:20 immune evasion and viral attenuation”
Institute of Pathology, TiHo
Beineke, Tipold, Viejo-Borbolla, Ludlow

14:20– **Coffee break**
14:30

Moderation: Altenmüller

Amy Glynn
14:30– “Actin cytoskeleton dysregulation in peripheral organs in Spinal Muscular Atrophy”
15:30 SMATHERIA gGmbH – Non-Profit Biomedical Research Institute, Hannover
Claus, K. Jung, Volk

Natalie Titz
15:30– “Protein interaction of the survival of motoneuron (SMN) protein: regulation and
16:30 functional impact in Spinal Muscular Atrophy (SMA)”
SMATHERIA gGmbH – Non-Profit Biomedical Research Institute, Hannover
Claus, Frieling, Ngezahayo

16:30– **Consultation of supervision groups**
16:40

Thursday, 8 May 2025

Moderation: Beineke

Felix Schweitzer
10:15– “Understanding the neuropathogenesis of tick-borne encephalitis virus – *in vitro* model
11:15 studies on neuroinvasion and neuroinflammation”
RIZ, TiHo
Osterhaus, Baumgärtner, Viejo-Borbolla

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