



## Thursday, October 9<sup>th</sup>

Multimedia Room, Life Science Building

17:00 Opening Ceremony

Tobias Böckers (Ulm, D)

Philip Wong (Baltimore, USA)  
Alzheimer's Disease:  
Lessons from animal models

Graduation Ceremony

Student Award

Come-Together-Party

## Friday, October 10<sup>th</sup>

Session I und II parallel in Building O 25

Session I (O 25, Hörsaal 4/5)  
Neurobiology I

Chair: Anke Witting (Ulm, D)

08:30 - 09:10 Flaviano Giorgini (Leicester, UK)  
Targeting neuroprotective strategies in Huntington's disease

09:10 - 09:30 Hanna Bayer (IGradU, Ulm)  
Effect of ALS related genes on the PGC-1 α signaling system

09:30 - 09:50 Simon Breitenbach (IGradU, Ulm)  
Modulation of muscular membrane potential by aldosterone antagonist eplerenone

09:50 - 10:10 Corinna Bliederhäuser (IGradU, Ulm)  
Age dependent defects in monocytic and microglial phagocytosis of alpha Synuclein oligomers

10:10 - 10:30 Coffee Break and Poster Session

10:30 - 10:50 Resham Chhabra (IGradU, Ulm)  
Delivery of bioactive substances into the CNS using nanomedical approaches for the treatment of synaptopathies

10:50 - 11:10 Anna Speidel (IGradU, Ulm)  
Neuronal cell culture models derived from induced pluripotent stem cells to study effects of mutant LRRK2

11:10 - 11:30 Sonja Halbedl (IGradU, Ulm)  
Characterization of ProSAP1/Shank2 function in development and disease

11:30 - 11:50 Pascal Lösing (IGradU, Ulm)  
The role of SRF (Serum Response Factor) in a murine model of epilepsy

11:50 - 12:30 Cedric Raoul (Montpellier, F)  
The contribution of neuroinflammation in motoneuron disorders

10:30 - 10:50 Katarzyna Krzemien (IGradU, Ulm)  
Structure of nucleosomal arrays towards super-resolution fluorescence studies

10:50 - 11:10 Steven Rudeck (IGradU, Ulm)  
The misfolded myosin response in health and disease

11:10 - 11:30 Julia Segert (IGradU, Ulm)  
Zebrafish as a model for heart valve development and heart muscle diseases

11:30 - 11:50 Rüstem Yilmaz (IGradU, Ulm)  
Characterization of UBE3B, a ubiquitin ligase mutated in Kaufman oculocerebrofacial syndrome

11:50 - 12:30 Marco Sandri (Padua, I)  
Mitochondrial shaping proteins and the control of protein synthesis and degradation

12:30 - 13:30 Lunch Break (Hörsaal 7)

Session II (O 25, Hörsaal 1)  
Cell Biology

Chair: Steffen Just (Ulm, D)

08:30 - 09:10 Christoph Englert (Jena, D)  
The Wilms tumor protein Wt1 acts in different places: from the kidney to the CNS

09:10 - 09:30 Naseebullah Kakar (IGradU, Ulm)  
Identification of genes responsible for recessive monogenic disorders

09:30 - 09:50 Julia Kemmler (IGradU, Ulm)  
Modulation of post-traumatic inflammation and fracture healing by oxygen treatment

09:50 - 10:10 Patricia Klöble (IGradU, Ulm)  
The role of SHARP/Mint as an epigenetic regulator of tissue repair and aging

10:10 - 10:30 Coffee Break and Poster Session

14:50 - 15:10 Noemi Pasquarelli (IGradU, Ulm)  
Pharmacological inhibition of monoacylglycerol lipase as a therapeutic strategy for neurodegenerative diseases

15:10 - 15:30 Coffee Break and Poster Session

15:30 - 15:50 Christine Schurr (IGradU, Ulm)  
The role of neuroinflammation in the onset and progression of amyotrophic lateral sclerosis

15:50 - 16:10 Nadine Sowada (IGradU, Ulm)  
Functional involvement of the monogenic Parkinson disease gene VPS35 in heavy metal homeostasis

16:10 - 16:30 Marisa Feiler (IGradU, Ulm)  
Development and characterization of a TDP-43 oligomerization assay and studying TDP-43 transmission

16:30 - 16:50 Lisa Zondler (IGradU, Ulm)  
The contribution of different monocyte subpopulations to ALS

16:50 - 17:30 Ana Martin-Villalba (Heidelberg, D)  
Contribution of peripheral innate response to neurodegeneration

Session IV (O 25, Hörsaal 1)  
From viruses to gene therapy

Chair: Florian Kreppel (Ulm, D)

13:30 - 14:10 Aloys Schepers (Munich, D)  
Progress of EBNA1/oriP-based vectors and its derivatives in gene therapy

14:10 - 14:30 Stephanie Kallert (IGradU, Ulm)  
Design and evaluation of strategies to optimize Lipid-specific T-cell responses against mycobacterium tuberculosis