

Friday, October 11<sup>th</sup>

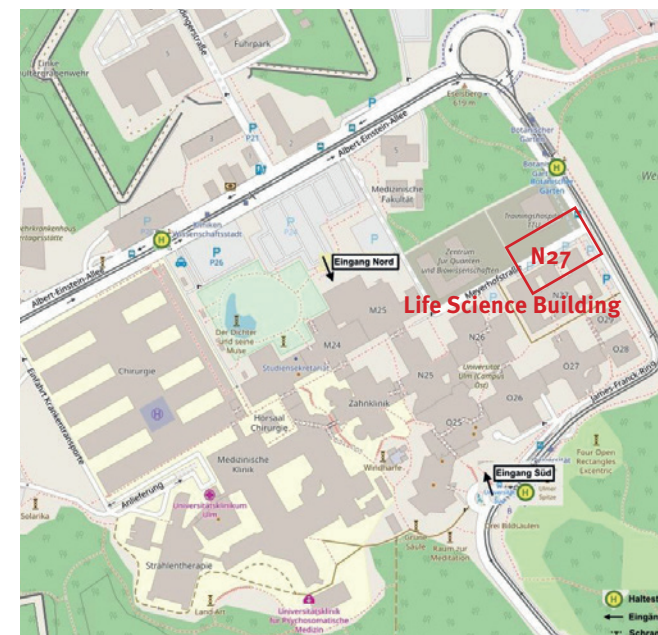
### Session IV: Development and Regeneration

Chair: Steffen Just

- 11:10-11:50** **Tom Eirik Mollnes, Oslo, NOR**  
To treat systemic inflammation – look upstream!
- 11:50-12:10** **Jannis Marzluf, IGradU, Ulm**  
Accelerating drug development:  
linking CHO cell genomics to rapid growth
- 12:10-12:30** **Dennis Freisem, IGradU, Ulm**  
Dangerous roommates – the impact of CNS  
infections
- 12:30-12:50** **Online presentation of Jannik Sichau,**  
IGradU, Ulm  
Complement C5 activation is determined by the  
density of C3b opsonins
- 12:50-13:50** **Lunch Break**

- 13:50-14:10** **Hossein Fallah Mohammed, IGradU, Ulm**  
Dedifferentiation of mature osteoblasts:  
a mechanism of bone regeneration in zebrafish
- 14:10-14:30** **Silvia Denise Posadas-Pena, IGradU, Ulm**  
Role of BMP signaling in zebrafish heart  
regeneration
- 14:30-15:00** **Julia Nagy, MoMan, Ulm University**  
The Core Facilities at your service

Closing remarks



#### Contact

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October, 9-11, 2024  
Life Science Building, Multimedia Room

Meyerhofstraße | N27  
D-89081 Ulm



## Fall Meeting 2024



International Graduate School  
in Molecular Medicine Ulm

# Fall Meeting 2024

Wednesday, October 9<sup>th</sup>

## Satellite Meeting of the Neurocentrum Ulm

- 15:00-15:40 **Benedikt Grothe**, Munich, DE  
Evolutionary and developmental optimization of axonal structure in a neural circuit with micro-second precision
- 15:40-16:00 **Daniel Rombach**, IGradU, Ulm  
The interaction of Parkinson's Disease, Aging and Stress
- 16:00-16:40 **Katarzyna Grochowska**, Hamburg, DE  
Chaperone-mediated autophagy in dendrites utilizes lysosomal exocytosis for protein disposal
- 16:40-17:00 **Coffee Break and Poster Session**
- 17:00 **Key Note lecture**  
Chair: **Hans Kestler**  
**Oliver Kohlbacher**, Tübingen, DE  
From proteins to proteoforms and molecular machines - algorithms for interaction modeling and top-down proteomics
- 18:00 **Graduation Ceremony**  
**Doctoral student award by Jutta and Wilfried Trumpp Foundation**



Thursday, October 10<sup>th</sup>

## Session I: Aging and Neurodegeneration

Chair: **Leda Dimou**

- 09:00-09:40 **Magdalena Götz**, Munich, DE  
Novel mechanisms of neurogenesis and neural repair
- 09:40-10:00 **Aladdin Skaf**, IGradU, Ulm  
Myelin load dictates NG2-glia susceptibility to aging
- 10:00-10:20 **Rakshita Pandey**, IGradU, Ulm  
The effects of post-synaptic instability induced by Shank3 loss on the course of synaptic aging
- 10:20-11:00 **Chichung Lee**, Erlangen, DE  
New functions for old friends in the regulation of adult neurogenesis
- 11:0-11:30 **Coffee Break and Poster Session**
- 11:30-11:50 **Hina Zarrin**, IGradU, Ulm  
Notch/NF-kB crosstalk at the aging synapse: Role of inflammaging on cognitive decline
- 11:50-12:10 **Max Hartmann**, IGradU, Ulm  
Loss of translational accuracy in aging and aging-associated disease
- 12:10-12:50 **Holger Bierhoff**, Jena, DE  
The lncRNA PAPAS promotes cell differentiation and suppresses tumorigenesis
- 12:50-13:50 **Lunch Break**



## Session II: Oncology and Endocrinology

Chair: **Hinrich Lüder Meyer**

- 13:50-14:10 **Dominique Desef**, IGradU, Ulm  
Understanding the role of RNA acetylation and R-Loop homeostasis in acute myeloid leukemia
- 14:10-14:30 **Lino-Pasqual Pasquini**, IGradU, Ulm  
Modelling Neuroendocrine Tumor Formation by Human Pluripotent Stem Cell-Derived Islet-Like Organoids
- 14:30- 14:50 **Anton Lahusen**, IGradU, Ulm  
Identification of liquid biomarkers predicting chemotherapy success for patients with PDAC
- 14:50-15:20 **Coffee Break and Poster Session**
- 15:20- 15:40 **Colin Fortner**, IGradU, Ulm  
Identification of Vulnerabilities for Targeting BCL-2 Family Members in T-Cell Acute Lymphoblastic Leukemia
- 15:40-16:20 **Birgit Burkhardt**, Münster, DE  
Recent findings in NHL biology and transfer into patient care



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## Session III: Pharmacology and Infectious Diseases

Chair: **Christoph Schmidt**

- 09:00-09:40 **Daniel Ricklin**, Basel, Switzerland  
Bugs, drugs & complement: how nature-derived host defense modulators can inspire therapeutic strategies
- 09:40-10:00 **Hiba Ghaboosh**, IGradU, Ulm  
Mechanism of breakthrough haemolysis in PNH patients under C3 inhibition
- 10:00-10:20 **Helene Hoenigsperger**, IGradU, Ulm  
CSNK2 suppresses autophagy by activating Filamin-NHL-containing TRIM proteins
- 10:20-10:40 **Francesco Montagner**, IGradU, Ulm  
Investigation of the role of the structural maintenance of chromosomes complex 5/6 (Smc5/6) for Human Cytomegalovirus replication
- 10:40-11:10 **Coffee Break and Poster Session**

