

Friday, April 04th

Session 3: Neurobiology

Chair: Karin Danzer

- 09:00-09:40 **Axel Petzold, London, UK**
Breaking down the Future for Biomarkers
- 09:40-10:00 **Badrieh Fazeli, IGradU, Ulm**
Immunoassay development for fluid biomarkers: from research to clinical implementation
- 10:00-10:20 **Sarah Wirth, IGradU, Ulm**
Studying the local transcriptome of excitatory synapses
- 10:20-10:40 **Alicia Goreth IGradU, Ulm**
Consequences of traumatic brain injury on the initiation and progression of Parkinson's Disease pathology
- 10:40-11:10 **Coffee break and poster session**



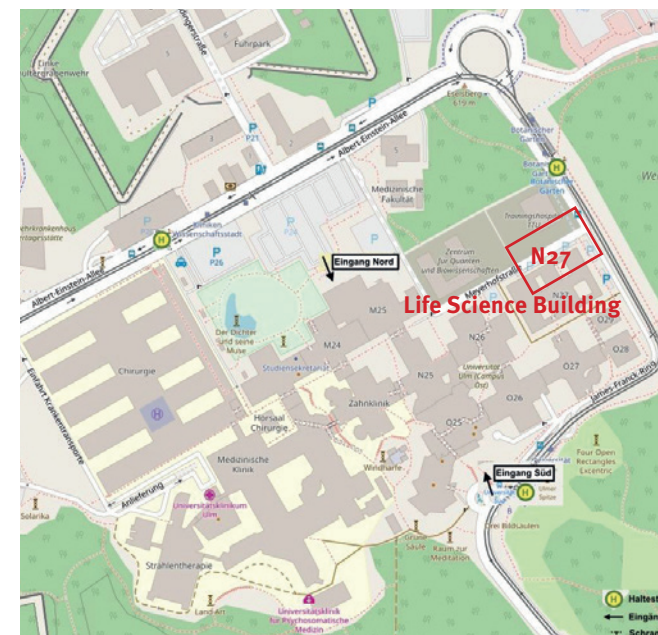
Session 4: Virology, Toxicology and Biotechnology

Chair: Holger Barth

- 11:10-11:50 **Herbert Schmidt, Hohenheim, DE**
Characterization of enterohemorrhagic Escherichia coli AB₅ toxin subunits and their corresponding genes
- 11:50-12:10 **Irina König, IGradU, Ulm**
Unravelling the Role of CRISPR Screen-Derived Genes in the Uptake and Mode-of-Action of EHEC Subtilase Cytotoxin Subunit A
- 12:10-12:30 **Hannes Schmietendorf, IGradU, Ulm**
Towards a prime-boost vaccine platform based on different adenovirus types
- 12:30-13:30 **Lunch break**
- 13:30-13:50 **Jona Röscheise, IGradU, Ulm**
From Cell Line Analysis to Production Optimization: A Multistep Approach for Lvvs
- 13:50-14:10 **Nourice Jaber, IGradU, Ulm**
The Antibacterial Activity of Histone Peptides against Pseudomonas aeruginosa
- 14:10-14:50 **Vivek Thacker, Heidelberg, DE**
Microphysiological models of airway immunity in Tuberculosis'
- 14:50-15:10 **Coordination Office, IGradU**
Information session concerning the new PhD-study regulations

Closing remarks

End of the meeting



Contact

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Spring Meeting 2025

April 02-04, 2025
Life Science Building
Multimediarium

Meyerhofstraße | N27
D-89081 Ulm



International Graduate School
in Molecular Medicine Ulm

Spring Meeting 2025

Wednesday, April, 02nd

Multimedia Room, Life Science Building

- 17:00** **Key Note Lecture**
Chair: **Alexander Kleger**
Christoph Klein, Regensburg, DE
Insights into the invisible phase of systemic cancer: Genomic evolution and phenotypic plasticity of the metastatic seed
- 18:00** - **Inaugural Ceremony for the First-Year PhD-Students**
- **Graduation Ceremony**
- **Jutta & Wilfried Trumpp Award Ceremony** (for the participants of the programme “experimental medicine”)
- 19:00** **Come-Together-Party**



Thursday, April, 03rd

Session 1: Collaborative Research Center 1149: Danger Response, Disturbance Factors and Regenerative Potential after Acute Trauma

Chair: **Melanie Haffner-Luntzer**

- 09:00-09:40** **Chelsea Bahney, San Francisco, USA**
Where there's a Wnt there's a way to improve fracture healing: Developmental engineering approach to therapeutic innovation
- 09:40-10:00** **Sandra Dieterich, IGradU, Ulm**
Role of adrenergic signaling in fracture healing of non-osteoporotic and osteoporotic bone
- 10:00-10:20** **Susa Savukoski, IGradU, Ulm**
Unraveling the role of the complement system in platelet transfusion refractoriness
- 10:20-10:40** **Ann-Kathrin Eiers, IGradU, Ulm**
Regulation of fibroblast-like synoviocytes by glucocorticoids in arthritis
- 10:40-11:00** **Nadja Abele IGradU, Ulm**
Impact of Early Life Stress and sex on immune cell metabolism after ASDH and HS in swine
- 11:00-11:30** **coffee break and poster session**

Thursday, April 03rd

Session 2a: Endocrinology and Oncology

Chair: **Pamela Fischer-Posovszky**

- 11:30-12:10** **Nieves Peltzer, Stuttgart, DE**
Enhanced linear ubiquitination as a strategy to improve metabolic health
- 12:10-12:30** **Anja Werberger, IGradU, Ulm**
miR-18a-3p enhances UCP1 expression and function in human adipocytes
- 12:30-12:50** **Chenge Xin, IGradU, Ulm**
The effects of PURA haploinsufficiency on the human immune system
- 12:50-13:10** **Sandra Heller, medical scientist, Ulm**
Diabetes-associated regulatory sequences reveal novel pathways in pancreatic development and disease
- 13:10-14:10** **Lunch break**



Thursday, April 03rd

Session 2b: Oncology and Endocrinology

Chair: **Franz Oswald**

- 14:10-14:50** **Daniel Krappmann, München**
Control of immune homeostasis and activation by T cell signaling
- 14:50-15:10** **Sara Greco, IGradU, Ulm**
Multiparametric capture of dynamic changes in treatment responses in CTCs of metastatic breast cancer patients
- 15:10-15:30** **Tugba Memis, IGradU, Ulm**
Biochemical and Functional characterization of Notch1 noncoding mutations using genome edited CLL cell models
- 15:30-15:50** **Lara Bejatovic IGradU, Ulm**
Investigating the tissue-specific function of Tbx20 in zebrafish heart development
- End of the day I**

