

Friday, October 13<sup>th</sup>

## Session V Pharmaceutical Biotechnology

Chair: Stefan Kochanek (Ulm, D)

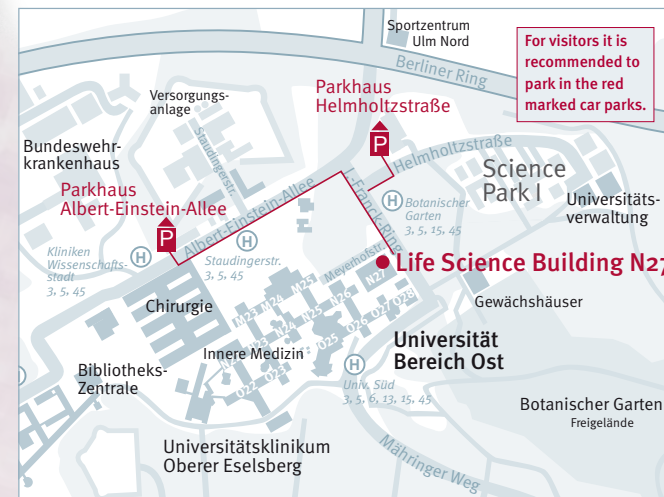
- 08:30 - 09:10** Roland Wagner (Laupheim, D)  
The next steps towards complex biopharmaceuticals production
- 09:10 - 09:30** Estefania Herdoiza Padilla (IGradU, Ulm)  
miRNA-dependent regulation of phagocytosis in human macrophages
- 09:30 - 09:50** Kathrin Kennerknecht (IGradU, Ulm)  
Design of liposomes for the delivery of vaccine antigens against tuberculosis
- 09:50 - 10:20** Coffee Break
- 10:20 - 10:40** Michael Kleemann (IGradU, Ulm)  
microRNAs in apoptotic pathways
- 10:40 - 11:00** Philipp Müller (IGradU, Ulm)  
O-glycosylation of recombinant proteins in Escherichia coli
- 11:00 - 11:20** Alexandra Krüger-Haag (IGradU, Ulm)  
rAAV production using adenovirus mutants as helper viruses
- 11:20 - 11:40** Argavan Soleimani Zadeh (Ulm, D)  
Construction and panning of vNAR antibody libraries for biopharmaceuticals and diagnostics applications
- 11:40 - 12:20** Florian Wurm (Monthey, Switzerland)  
tba
- 12:20 - 13:30** Lunch Break

## Session VI Oncology

Chair: Jan Krönke (Ulm, D)

- 13:30 - 14:10** Dirk Heckl (Hannover, D)  
Functional analysis of the leukemic evolution in children with Down syndrome
- 14:10 - 14:30** Tamara Blätte (IGradU, Ulm)  
Genomic and Transcriptomic Landscape of AML
- 14:30 - 14:50** Susanne Hirsch (IGradU, Ulm)  
Characterization of pathogenetically relevant circular RNAs in Acute Myeloid Leukemia (AML)
- 14:50 - 15:10** Chiara Ianes (IGradU, Ulm)  
Characterization and effects of CK1 specific inhibitors in vitro and on proliferation of tumor cellsharsha
- 15:10 - 15:40** Coffee Break and Poster Session
- 15:40 - 16:00** Tanja Reisser (IGradU, Ulm)  
The role of Thy cells in graft-versus-host disease (GvHD) and the graft-versus-tumor (GvT) effect
- 16:00 - 16:20** Linda Röhner (IGradU, Ulm)  
Role of FAM46C mutations in the pathogenesis of Multiple Myeloma (MM) and their impact on lenalidomide sensitivity
- 16:20 - 16:40** Dilan Gün Serfas Sarialioglu (IGradU, Ulm)  
Generation of a Lenalidomide-Sensitive Mouse Model for Multiple Myeloma
- 16:40 - 17:20** Claudia Scholl (Heidelberg, D)  
Development of molecular mechanism-based therapeutic strategies in acute myeloid leukemia

Closing remarks



### Free Child Care Offered

We are offering free on-site child care services for children ages 0 – 12 during the meeting. Pre-registration is required till October 4, 2017. For additional information or to pre-register your child, please contact Lina Zaveleva at Phone: +49 (0) 731 50-36293 E-Mail: [lina.zaveleva@uni-ulm.de](mailto:lina.zaveleva@uni-ulm.de)

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## Fall Meeting 2017

October 11-13  
Life Science Building  
Meyerhofstraße N 27  
89081 Ulm



**IGradU**  
International Graduate School  
in Molecular Medicine Ulm

# Fall Meeting 2017

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

Multimedia Room, Life Science Building

## Opening Lecture

Chair: **Jan Münch**

**14:30 - 15:10 James Shorter** (Pennsylvania, USA)  
Reversing aberrant phase transitions connected with ALS/FTD

## Session I Virology

Chair: **Jan Münch**

**15:10 - 15:30 Andrea Dietz** (IGradU, Ulm)  
A tyrosine-based trafficking motif of the human cytomegalovirus tegument protein pUL71 is crucial for virion envelopment

**15:30 - 15:50 Elena Heusinger** (IGradU, Ulm)  
Counteraction of the host restriction factor tetherin by HIV-2 and its simian precursors

**15:50 - 16:10 Annika Röcker** (IGradU, Ulm)  
The molecular tweezer CLR01 inhibits Zika Virus infection

**16:10 - 17:00 Coffee Break and Poster Session**

## Key Note Lecture

**Jonas Schmidt-Chanasit** (Hamburg, D)  
Emerging viral diseases: lessons learned from recent arbovirus outbreak

**Michael Kühl** (IGradU, Ulm)  
Chairman International Graduate School in Molecular Medicine Ulm (IGradU)

Graduation Ceremony

Come-Together-Party

Thursday, October 12<sup>th</sup>

## Session II Cell Biology

Chair: **Nils Johnson** (Ulm, D)

**08:30 - 09:10 Erfei Bi** (Philadelphia, USA)  
Regulation of actomyosin ring assembly and ECM remodeling during cytokinesis

**09:10 - 09:30 Harsha Agarwal** (IGradU, Ulm)  
Cell Cycle Dependent Kinetic Interactions with Chromatin and Nuclear Distribution of CTCF

**09:30 - 09:50 Oliver Glomb** (IGradU, Ulm)  
The yeast polarisome as nucleus for organizing the cytosol at the cell tip

**09:50 - 10:10 Stefan Carle** (IGradU, Ulm)  
Cellular drug delivery systems based on non-toxic diphtheria toxin

**10:10 - 10:30 Martin Wist** (IGradU, Ulm)  
Phospholipase C-g2 mutations: causes and complications of human diseases

**10:30 - 10:50 Julian Roos** (IGradU, Ulm)  
microRNAs in human adipocyte biology

**10:50 - 11:30 Coffee Break and Poster Session**

## Session III Neurobiology

Chair: **Birgit Liss** (Ulm, D)

**11:30 - 11:50 Aynur Sönmez** (IGradU, Ulm)  
Stage and cell-specific changes in nucleolar activity and integrity associated with Huntington's disease

**11:50 - 12:10 Timo-Daniel Voß** (IGradU, Ulm)  
Glutamate transport in neurodegeneration

**12:10 - 12:50 Francesco Ferraguti** (Innsbruck, Austria)  
Specialized amygdala inhibitory networks for emotional learning

**12:50 - 14:00 Lunch Break**

## Session IV Trauma

Chair: **Bernd Knöll** (Ulm, D)

**14:00 - 14:40 Joost Verhaagen** (Amsterdam, Netherlands)  
Gene therapy and nerve regeneration

**14:40 - 15:00 Philip Förstner** (IGradU, Ulm)  
Role of the transcription factor SRF in traumatic brain injury

**15:00 - 15:20 Yvonne Hägele** (IGradU, Ulm)  
Role of the terminal complement complex on bone homeostasis and fracture healing

**15:20 - 15:50 Coffee Break and Poster Session**

**15:50 - 16:10 Kathrin Kaiser** (IGradU, Ulm)  
Inhibition of interleukin-6 trans-signalling improves compromised fracture healing after severe trauma

**16:10 - 16:30 Tobias Martin** (IGradU, Ulm)  
Rho-inhibiting clostridial C3 toxin inhibits chemotactic recruitment of human monocytes ex vivo and in mice in vivo

**16:30 - 16:50 Renate Wanner** (IGradU, Ulm)  
Functional and molecular characterization of a novel traumatic peripheral nerve-muscle injury model

**16:50 - 17:30 Armin Blesch** (Würzburg, D)  
Perspectives in Spinal Cord Regeneration

