

Friday, October 12th

Session V Cell Biology

Chair: Maja Vujić Spasić (Ulm, D)

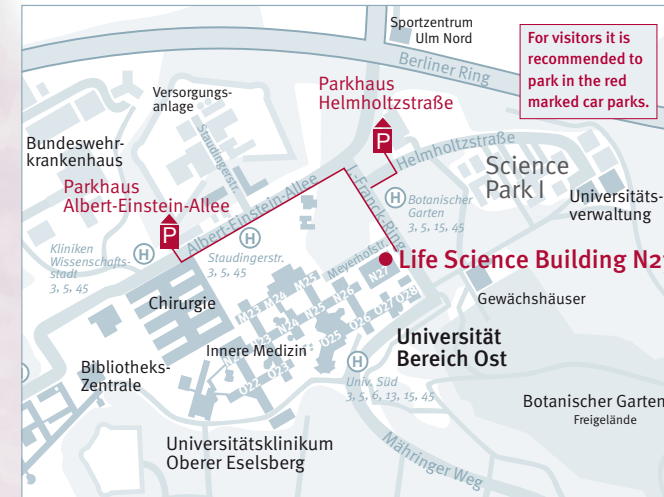
- 09:00 - 09:20 Markus Breunig** (IGradU, Ulm)
PPDPF impacts pancreatic differentiation of human pluripotent stem cell derived pancreatic progenitor
- 09:20 - 09:40 Anja Gump** (IGradU, Ulm)
Psychobiological alterations in mother-infant-dyads with maternal childhood maltreatment
- 09:40 - 10:00 Fabian Zink** (IGradU, Ulm)
Electron spin resonance and surrogate markers as methods to measure oxidative stress
- 10:00 - 10:20 Adriana Nunziata** (IGradU, Ulm)
Functional characterization of human leptin mutations
- 10:20 - 10:50 Coffee Break**
- 10:50 - 11:10 Alessa Wagner** (IGradU, Ulm)
Glucocorticoids promote iron overload in immune cells and metabolic tissues
- 11:10 - 11:30 Anna-Laura Kretz** (IGradU, Ulm)
New TRAIL-sensitizing strategies for pancreatic cancer treatment
- 11:30 - 12:10 Timo Müller** (Munich, D)
Novel Pharmacotherapies for the treatment of obesity and diabetes
- 12:10 - 13:20 Lunch Break**

Session VI Aging

Chair: Hartmut Geiger (Ulm, D)

- 13:20 - 14:00 Alessandro Ori** (Jena, D)
Proteomic strategies to study stem cell aging
- 14:00 - 14:20 Sabine Meessen** (IGradU, Ulm)
Mechanism of aneuploidy-induced telomere replication stress and aneuploidy-induced senescence
- 14:20 - 14:40 Nicolai Bushart** (IGradU, Ulm)
Induction and regulation of CD8 T-cell responses in aging mice
- 14:40 - 15:00 Amanda Amoah** (IGradU, Ulm)
Human HSCs reveal phenotypic changes with age
- 15:00 - 15:20 Mona Vogel** (IGradU, Ulm)
Trauma regeneration – the force within you

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 September 24, 2018. 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

Contact

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Fall Meeting 2018

October 10 - 12
Life Science Building
Meyerhofstraße | N27
D-89081 Ulm



International Graduate School
in Molecular Medicine Ulm

Fall Meeting 2018

Wednesday, October 10th



Multimedia Room, Life Science Building

17:00 Opening Ceremony

Raffaella Gozzelino (Lisbon, Portugal)
Inflammation, Iron and Parkinson’s disease

Prof. Dr. Michael Köhl (IGradU, Ulm, D)
Chairman International Graduate School
in Molecular Medicine Ulm (IGradU)

Graduation Ceremony

Come-Together-Party

Thursday, October 11th

Session I Lung Physiology

Chair: Manfred Frick

- 08:30 - 09:10 Ali Önder Yildirim (Munich, D)
Immuno-metabolomic regulation of B Cell drives
cigarette smoke-induced COPD
- 09:10 - 09:30 Kathrin Diem (IGradU, Ulm)
Mechanosensing in the alveolus:
a role for caveolae?
- 09:30 - 09:50 Anngrit Lutz (IGradU, Ulm)
Mechanisms of stretch-induced posttrans-
lational modifications of keratin filaments
in lung cells
- 09:50 - 10:10 Carolin Schilpp (IGradU, Ulm)
Inflammatory damage of the pulmonary
epithelium
- 10:10 - 10:50 Michael Koval (Atlanta, USA)
Differences between inner and outer pulmonary
barriers: regulation of endothelial and epithelial
tight junctions
- 10:50 - 11:10 Coffee Break and Poster Session



Session II Neurobiology

Chair: Jochen Weishaupt (Ulm, D)

- 11:10 - 11:30 Clara Bruno (IGradU, Ulm)
Characterization of aged mice with TBK1
heterozygous deletion
- 11:30 - 11:50 Franziska Bachhuber (IGradU, Ulm)
Oligoclonal IgG in the tear fluid of multiple
sclerosis patients
- 11:50 - 12:10 Peggy Barschke (IGradU, Ulm)
Cerebrospinal fluid protein biomarkers
for amyotrophic lateral sclerosis and
frontotemporal dementia
- 12:10 - 12:30 MHD Rami Al Shweiki (IGradU, Ulm)
Neuro-proteomic approaches toward better
diagnosis of depression
- 12:30 - 13:10 Christian Behrends (Munich, D)
Monitoring autophagy activity by auto-
phagosome content profiling
- 13:10 - 14:10 Lunch Break



Session III Systems Biology

Chair: Hans Kestler (Ulm, D)

- 14:10 - 14:50 Berthold Lausen (Essex, UK)
Ensemble Classification
- 14:50 - 15:10 Silke Köhlwein (IGradU, Ulm)
Modeling pathway crosstalk with qualitative
models
- 15:10 - 15:30 Robin Szekeley (IGradU, Ulm)
Invariant linear classifiers for gene expression
data
- 15:30 - 15:50 Coffee Break and Poster Session

Session IV Virology and Immunity

Chair: Daniel Sauter (Ulm, D)

- 15:50 - 16:30 Stuart Neil (London, UK)
TRIMing and ZAPping the Ebola virus ribonucle-
oprotein complex
- 16:30 - 16:50 Elisabeth Braun (IGradU, Ulm)
Guanylate-binding proteins 2 and 5 reduce
virion infectivity by inhibiting furin-mediated
Env processing
- 16:50 - 17:10 Mirja Harms (IGradU, Ulm)
Spermine in seminal plasma inhibits the
infection by CXCR4-tropic HIV-1
- 17:10 - 17:30 Jasmin Scheurer (IGradU, Ulm)
MDSCs in graft-versus-host disease prevention