

Friday, April 12<sup>th</sup>
**Session V: Infectious Diseases**

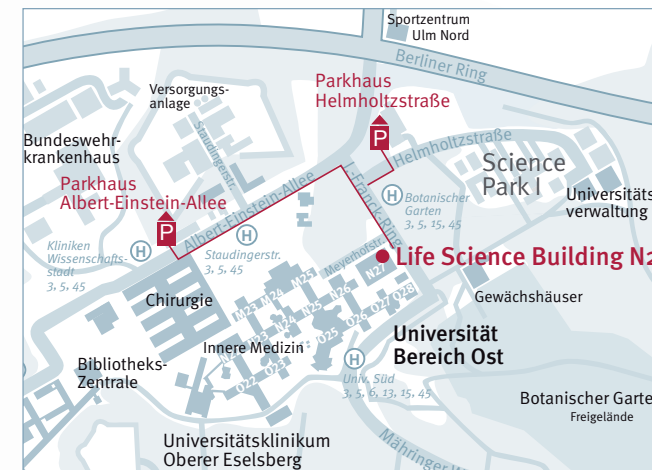
Chair: Daniel Sauter (Ulm, D)

- 08:30 – 09:10** **Clare Jolly** (London, UK)  
 New insights into HIV replication and spread between T cells
- 09:10 – 09:30** **Matteo Bosso** (IGradU, Ulm)  
 Nuclear PYHIN proteins suppress HIV-1 transcription
- 09:30 – 09:50** **Kristina Hopfensperger** (IGradU, Ulm)  
 Convergent evolution of HLA-C downmodulation in human and simian immunodeficiency viruses
- 09:50 – 10:10** **Sina Lippold** (IGradU, Ulm)  
 Targeting the viral envelope inhibits antibody-resistant cell-to-cell spread of herpesviruses
- 10:10 – 10:40** **Coffee Break, Poster**
- 10:40 – 11:00** **Smitha Srinivasachar Badarinarayan** (IGradU, Ulm)  
 Activation of endogenous retroviral LTR12C elements upon HIV-1 infection induces antiviral gene expression
- 11:00 – 11:20** **Jessica Merkle** (IGradU, Ulm)  
 A human stem cell approach to model familial pancreatic cancer
- 11:20 – 12:00** **Robert Gifford** (Glasgow, UK)  
 Flavivirus-derived DNA sequences in animal genomes and the timeline of flavivirus evolution

**Session VI: Oncology III**

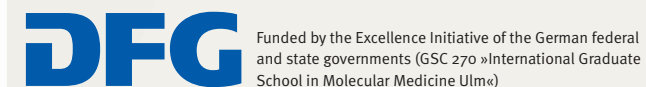
Chair: Astrid Pfister (Ulm, D)

- 12:00 – 12:20** **Veronica Foletto** (Trento, I)  
 3D prostate organoids reveal new insights into critical pathways of tumorigenesis
- 12:20 – 12:40** **Lea Siegle** (IGradU, Ulm)  
 Semantic multi-class classifier systems in precision medicine
- 12:40 – 13:00** **Francesca Precazzini** (Trento, I)  
 Clotrimazole targets a metabolic vulnerability in a zebrafish melanoma model
- 13:00 – 14:00** **Lunch Break, Poster Session**
- 14:00 – 14:40** **Jin-Mi Heo** (Harvard, USA)  
 Combined proteomic and genetic approaches define the landscape of the PINK1-Parkin mitophagy
- 14:40 – 15:00** **Frank Arnold** (IGradU, Ulm)  
 RINT1 is essential to pancreatic ductal adenocarcinoma (PDAC) homeostasis
- 15:00 – 15:40** **Emilio Cusanelli** (Trento, I)  
 Investigating the roles of the telomeric non-coding RNAs TERRA using a live cell imaging approach
- 15:40 – 16:00** **David Dannheisig** (IGradU, Ulm)  
 Emerging role of nucleolar factors on autophagy and Wnt signaling
- 16:00 – 16:40** **Dominic Bernkopf** (Nürnberg, D)  
 Counteracting Wnt signaling in colorectal cancer through induction of conductin/axin2 polymerization

**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 March 29, 2019. 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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# Spring Meeting 2019

 April, 10 - 12, 2019  
**Life Science Building**

 Meyerhofstraße | N27  
 D-89081 Ulm

**International Graduate School  
 in Molecular Medicine Ulm**

# Spring Meeting 2019

Wednesday, April 10<sup>th</sup>

Multimedia Room, Life Science Building

- Opening lecture**  
Chair: **Bernd Knöll** (Ulm, D)
- 17:00 Frank Bradke** (Bonn, D)  
Mechanisms of axon growth and regeneration
- ca. 18:00 Graduation Ceremony**  
**Come-Together-Party**

Thursday, April 11<sup>th</sup>

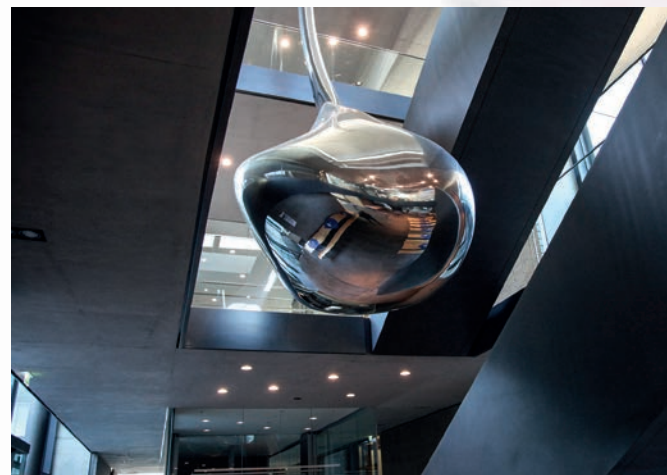
Multimedia Room, Life Science Building

## Session I Neurobiology I

- Chair: **Dennis Kätzel** (Ulm, D)
- 08:30 – 09:10 Jeff Dalley** (Cambridge, UK)  
Predisposition to addiction: clues from longitudinal MRI and translational neuroscience
- 09:10 – 09:30 Martin Jendryka** (IGradU, Ulm)  
Assessment of executive function after DREADD-mediated inhibition of PV neurons in mPFC subregions
- 09:30 – 09:50 Kirsten Sieverding** (IGradU, Ulm)  
Characterization of TBK1E696K knock-in mice
- 09:50 – 10:10 Swetha Ramachandran** (IGradU, Ulm)  
Investigating the role of T cells in ALS using TDP-43 synthetic peptides in a patient versus control cohort
- 10:10 – 10:30 Coffee Break, Poster**

## Session II Oncology I

- Chair: **Thomas Hoffmann** (Ulm, D)
- 10:30 – 11:10 Hana Algül** (Munich, D)  
Novel concepts in pancreatic cancer: A leap forward?
- 11:10 – 11:30 Miltiadis Tsesmelis** (IGradU, Ulm)  
The Role of NF- $\kappa$ B and upstream kinases in the evolution of pancreatic carcinoma
- 11:30 – 11:50 Stefanie Mayer** (IGradU, Ulm)  
Analysis of tumor heterogeneity in lung cancer
- 11:50 – 12:30 Jochen Hess** (Heidelberg, D)  
Unraveling molecular principles of cancer cell plasticity in head and neck cancer
- 12:30 – 13:40 Lunch Break**



## Session III Neurobiology II

- Chair: **Tobias Böckers** (Ulm, D)
- 13:40 – 14:20 João Peça** (Coimbra, P)  
Abnormal mGluR-mediated synaptic plasticity and autism-like behaviours in Gprasp2 mutant mice
- 14:20 – 14:40 Chiara Battaglia** (IGradU, Ulm)  
Corticotropin-releasing hormone effects on synapses and mitochondria in primary hippocampal cell culture
- 14:40 – 15:00 David Bayer** (IGradU, Ulm)  
Intrahypothalamic connectivity in Amyotrophic lateral sclerosis
- 15:00 – 15:20 Divisha Bhatia** (IGradU, Ulm)  
Age-associated immunological changes with PD progression and the role of immunosenescence on altering alpha synuclein aggregation
- 15:20 – 15:40 Giulia Maule** (Trento, I)  
A genome editing strategy to restore altered splicing in spinal muscular atrophy
- 15:40 – 16:20 Manuela Basso** (Trento, I)  
Extracellular vesicles and the intercellular communication in neurodegenerative disease
- 16:20 – 16:40 Coffee Break, Poster Session**

## Session IV: Oncology II

- Chair: **Lisa Wiesmüller** (Ulm, D)
- 16:40 – 17:00 Miray Fidan** (IGradU, Ulm)  
An update on HRAS biology: novel regulatory mechanism of HRAS abundance and implications in metabolic homeostasis
- 17:00 – 17:20 Michaela Ihle** (IGradU, Ulm)  
Connections between stem cell features, EMT and DNA damage response in breast and ovarian tumor cells: Mechanisms and therapeutic implications
- 17:20 – 17:40 Bartolomeo Bosco** (Trento, I)  
Exploring the role of the RNA-binding protein DHX30 in metabolism and apoptosis proneness of colorectal cancer cell line
- 17:40 – 18:00 Ali Hageb** (IGradU, Ulm)  
Clonality and heterogeneity of intestinal stem cell upon aging and cancer

