

11:20 – 11:40 Deung-Dae Park (IGradU, Ulm)
Elucidating roles of chromatin remodeling complex in cardiomyocyte proliferation and development in zebrafish

11:40 – 12:20 Bernhard Kühn (Pittsburg, USA)
Cardiomyocyte proliferation in mice and humans

12:20 – 13:00 Lunch Break

Session IV: Neuroscience

Chair: Birgit Liss (Ulm, D)

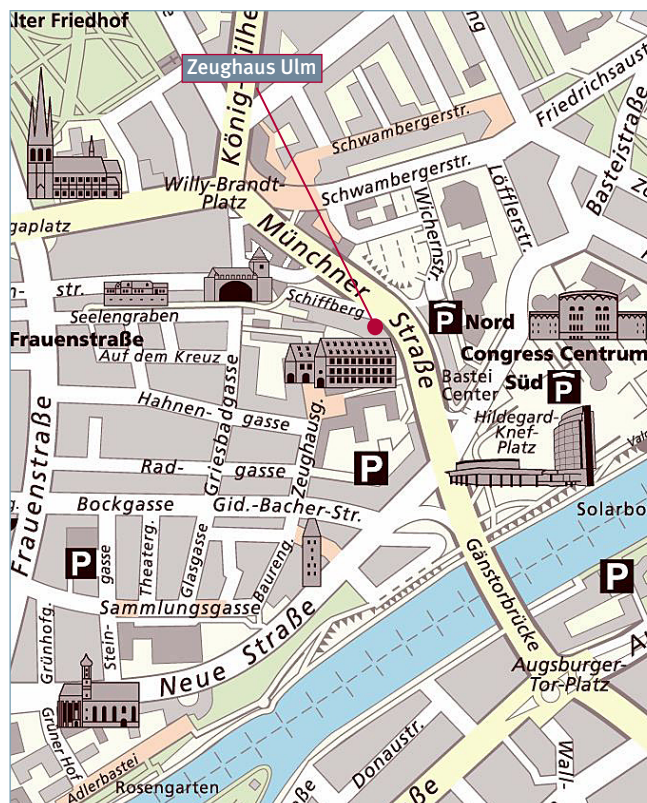
13:00 – 13:40 Manuel F. Navedo (Davis, USA)
A novel nanocomplex in hyperglycemia regulation of L-type CaV1.2 channels

13:40 – 14:00 Nadja Mannal (IGradU, Ulm)
Dopaminergic Midbrain Neurons display complex glucose sensing properties - a Multi-electrode Array brain slice study

14:00 - 14:40 Gregor Sachse (Oxford, UK)
Look, don't touch - dissecting neurotransmission with novel optogenetic tools

14:40- 15:00 Mariagiovanna Malara (IGradU, Ulm)
Analysis of early developmental alterations in iPSCs-derived cerebral organoids derived from Shank3 patients

Closing Remarks



Contact

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Fall Meeting 2019

October, 09 - 11
Zeughaus Ulm
Am Zeughaus
D-89073 Ulm



**International Graduate School
in Molecular Medicine Ulm**

Fall Meeting 2019

Wednesday, October 9th

Zeughaus, Ulm

17:00

Opening remarks

Prof. Dr. Dieter Rautenbach,
Vice President Ulm University

Prof. Dr. Thomas Wirth,
Dean of the Medical Faculty, Ulm University

Opening lecture

Markus Müschen (Los Angeles, USA)
Metabolic gatekeepers in B-cell malignancies

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

Graduation Ceremony

Come-Together-Party

Thursday, October 10th

Zeughaus, Ulm

Session I: Cancer

Chair: **Thomas Seufferlein** (Ulm, D)

08:30 – 09:10 Lars Zender (Tübingen, D)
Functional Target Discovery and Academic Drug
Development in Hepatology

09:10 – 09:30 Astrid Karoline Laut (IGradU, Ulm)
Heterogeneity of metastogenic neuroblastoma
cells: The role of CHD5

09:30 – 09:50 Lisa Schäfer (IGradU, Ulm)
Systems biology of tumour evolution: Estimating
partial orders from omics data

09:50 – 10:10 Jasmin Sprissler (IGradU, Ulm)
The role of RAG-induced DNA damage response
in iPSC-derived NK cell development

10:10 – 10:40 Coffee Break, Poster Session

10:40 – 11:00 Julia Wille (IGradU, Ulm)
Peptides protecting against secondary leukemia
during chemotherapeutic treatment

11:00 – 11:20 Jasmin Ezic (IGradU, Ulm)
The impact of methylation signatures on cancer
cell aggressiveness and cancer-testis antigen
specific immunity in head and neck squamous
cell carcinoma

11:20 – 11:40 Leiling Pan (IGradU, Ulm)
The role of RBPJ in pancreatic neoplasia and
structure-function analysis of SHARP-RBPJ,
SHARP-NCoR and SHARP-SET interactions

11:40 – 12:00 Rucha Dugge (IGradU, Ulm)
Tumor progression in gastric marginal zone
B-cell lymphoma of MALT type

12:00 – 12:40 Elisabeth Heßmann (Göttingen, D)
Deciphering chromatin regulatory processes in
pancreatic cancer

12:40 – 13:20 Lunch Break

Session II: Toxins, peptides and immune responses

Chair: **Katharina Ernst**, (Ulm, D)

13:20 – 13:40 Mattia Amoroso (IGradU, Ulm)
Mycobacterium vaccae promotes resilience
when administered subcutaneously prior to or
during chronic psychosocial stress

13:40 – 14:20 Ralf Gerhard (Hannover, D)
Two-receptor-model: boost or back up for
bacterial toxins

14:20 – 14:40 Ann-Cathrin Leroux (IGradU, Ulm)
Investigating the influence of miRNA on
productivity and glycosylation patterns in
recombinant CHO DG44 cells

14:40 – 15:00 Manuel Hayn (IGradU, Ulm)
Natural C-terminal fragments of Cystatin C
inhibit GPR15-mediated Hland SIV infection
without interfering with chemokine ligand
signalling

15:00 – 15:20 Coffee Break, Poster Session

15:20 – 15:50 Ina Felix (IGradU, Ulm)
Development of molecular transport systems
based on bacterial AB-type protein toxins

15:50 – 16:10 Ebru-Kubra Karasu (IGradU, Ulm)
Role of the C-reactive protein conformation on
innate immune responses after trauma

16:10 – 16:30 Arthur Doppler (IGradU, Ulm)
Deregulation of Factor H (FH) by Factor H-related
protein 1 (FHR-1) depends on the host surface
marker sialic acid

Friday, October 11th

Session III: Development and Regeneration

Chair: **Steffen Just**, (Ulm, D)

09:00 – 09:40 Julien Vermot (Illkirch, France)
Deciphering the mechanosensitive pathways
shaping the cardiovascular system

09:40 – 10:00 Federica Diofano (IGradU, Ulm)
Smyd1b as methyltransferase on non-histone
proteins

10:20 – 10:40 Daniel Halbgebauer (IGradU, Ulm)
Role of secreted factors for white and brown
adipocyte differentiation

10:40 – 11:20 Coffee Break, Poster Session