Saturday, March 29th

Multimedia Room, Life Science Building

Session IV  Hematology and Oncology
Chair: Lars Bullinger (Ulm, G)

09:00 - 09:40  Stefan Fröhling (Heidelberg, G)
Identifying therapeutic targets in AML using functional genomics

09:40 - 10:00  Lap Kwan Chan (IGradU, Ulm)
Role of nemo in the pathogenesis of pancreatitis

10:00 - 10:20  Sofia Hirth (IGradU, Ulm)
FAK regulates contractility independent of ILK-PKB-ANF-signaling

10:20 - 10:40  Vida Farsam (IGradU, Ulm)
The role of senescent fibroblast secretome on the progression of skin squamous cell carcinoma

10:40 - 11:00  Coffee Break and Poster Session

11:10 - 11:30  Meike Hohwieler (IGradU, Ulm)
Generation of exocrine pancreatic cells from plucked human hair derived induced pluripotent stem cells

11:30 - 11:50  Fabian Mohr (IGradU, Ulm)
The role of TET1 in normal hematopoiesis and AML1/ETO+ AML

11:50 - 12:30  Stephen M. Sykes (Philadelphia, USA)
The role of stress activated signaling pathways in acute myeloid leukemia

12:30  Closing Remarks
Lars Bullinger (Ulm, G)

We are offering free on-site child care services for children ages 0 - 12 during the meeting.
Pre-registration is required till March 21, 2014.
For additional information or to pre-register your child, please contact Bettina Braun at
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Funded by the Excellence Initiative of the German federal and state governments (GSC 270 »International Graduate School in Molecular Medicine Ulm«)
Thursday, March 27th

Multimedia Room, Life Science Building

13:00 Opening Ceremony

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

Session I Development, Aging and Regeneration

Chair: Hartmut Geiger (Ulm, G)

13:00 - 13:40 Jose Cancelas (Cincinnati, USA) Hypertension and stem cell mobilization

13:40 - 14:00 Patrick Meyer (IGradU, Ulm) Systems biology of aging and age-related diseases

14:00 - 14:20 Juliane de Vries (IGradU, Ulm) Towards further characterization of ABCB5+ mesenchymal stem cells in the skin

14:20 - 14:40 Melanie Haffner-Luntzer (IGradU, Ulm) Role of midkine in fracture healing

14:40 - 15:00 Novella Guidi (IGradU, Ulm) A role for stroma-derived osteopontin in hematopoietic stem cell aging

15:00 - 15:30 Coffee Break and Poster Session

15:30 - 16:10 Andre Burkovski (IGradU, Ulm) Aggregating heterogeneous high-throughput stem cell data for the identification of common differences between young and old

15:50 - 16:10 Ruifang Qin (IGradU, Ulm) Force dependent regulation of protein turnover in adhesion sites

16:10 - 16:30 Helen Tauc (IGradU, Ulm) Identifying key regulators of aging in drosophila intestinal stem cells

16:30 - 17:00 Coffee Break and Poster Session

Evening Lecture

Chair: Melanie Philipp (Ulm, G)

17:00 - 18:00 Marc Caron (Durham, USA) GPCRs in development and disease

18:00 Michael Kühl (IGradU, Ulm) Graduation Ceremony Come-Together-Party

Friday, March 28th

Multimedia Room, Life Science Building

Session II Neurobiology

Chair: Bernd Knöll (Ulm, G)

08:30 - 09:10 Alfred Nordheim (Tübingen, G) Dysregulated SRF triggers formation of hepatocellular carcinoma

09:10 - 09:30 Manuel Gey (IGradU, Ulm) The role of the transcription factor ATF3 in axonal regeneration after facial nerve injury in the mouse

09:30 - 09:50 Fabian Metzger (IGradU, Ulm) Quantitative mass spectrometry based comparison of the ventricular and lumbar cerebrospinal fluid proteome

09:50 - 10:10 Stefanie Pfänder (IGradU, Ulm) Zinc biology in IPS derived neurons from healthy and Phelan McDermid syndrome patients

10:10 - 10:30 Coffee Break and Poster Session

10:30 - 10:50 Anke Wahler (IGradU, Ulm) Characterization of nuclear signaling of amyloid precursor protein (APP) adaptor proteins

10:50 - 11:10 Marcin Bednarz (IGradU, Ulm) Functional study of a CaV1.1 R528G mutation causing hypokalaemic periodic paralysis type 1

11:10 - 11:50 Simone di Giovanni (London, UK) Epigenetic control of axonal regeneration

11:50 - 12:30 Helmut Posseiche (Oulu, FI) DNA replication and cancer

12:30 - 13:30 Lunch Break

Session III Biotechnology

Chair: Tanja Weil (Ulm, G)

13:30 - 14:10 Eva Sinner (Vienna, A) Novel approaches for synthesis and characterization of membrane proteins

14:10 - 14:30 Annika Baur (IGradU, Ulm) Tumor-targeting with anaerobic bacteria using three-dimensional tumor spheroids

14:30 - 15:10 Verena Emmerling (IGradU, Ulm) Novel approaches towards stable producer cell lines for commercial manufacturing of recombinant AAV vectors

15:40 - 16:20 Coffee Break and Poster Session

16:20 - 17:00 Robin Ghosh (Stuttgart, G) Reconstitution of proteins into lipid bilayers: general principles and application to a difficult case: the light-harvesting 1 complex from Rhodospirillum rubrum

17:00 Poster Session