



Swiss and Upper Rhine Valley (SURV) Zebrafish Meeting 2016 at the Biozentrum, Basel

Preliminary Program:

- 9:00 – 9:45** Registration with coffee and croissants
- 9:45 – 11:20** Opening Remarks and Session 1
chair: Nadia Mercader
- 10:00 – 10:20 *Single Neuron Morphology In Vivo with Confined Primed Conversion*
Manuel Alexander Mohr, ETH Zürich
- 10:20 – 10:40 *Functional conservation of germ plasm organizers*
Pritesh Krishnakumar, University of Göttingen
- 10:40 – 11:00 *Thyroid disruption in zebrafish (*Danio rerio*) larvae: different molecular response patterns lead to impaired eye development and visual functions*
Lisa Baumann, University of Bern
- 11:00 – 11:20 *Towards a mechanistic understanding of a filopodia-mediated transport of *Wnt8a* in zebrafish*
Benjamin Mattes, Karlsruhe Institute of Technology (KIT)
- 11:20 - 11:50** Poster Session1 and coffee
- 11:50 – 13:15** Session 2
chair: Heinz-Georg Belting
- 11:50 – 12:10 *Basel *Flt1*, *Nrp1* and *Plgf*: team players at the neurovascular interface*
Alina Klems, Karlsruhe Institute of Technology (KIT)
- 12:10 – 12:30 *Blood Vessel Morphogenesis: A concerted effort of endothelial cell adhesion and the actin cytoskeleton.*
Ilkka Paatero, Biozentrum, University of Basel
- 12:30 – 13:10 *How to shape the vascular tree – a story of genes and forces*
Arndt Siekman, MPI Münster
- 13:10 – 14:30** Poster Session 2, lunch break and meeting of the Swiss Zebrafish Society

- 14:30 – 16:00** Session 3
chair: Steffen Scholpp
- 14:30 – 14:50 *Monitoring of the regenerative response with a sensor of cellular plasticity in zebrafish*
Catherine Pfefferli, University of Fribourg
- 14:50 – 15:10 *Transcriptional control of lateral plate mesoderm emergence*
Christopher Hess, University of Zürich
- 15:10 – 15:30 *Role of sox10-derived cells during cardiac regeneration in zebrafish*
Marcos Sande, University of Bern/CNIC, Madrid
- 15:30 – 15:50 *Differential effects of synchrotron microbeam and minibeam irradiation on mature and immature tissues*
Daniel Broennimann, University of Bern
- 15:50 – 16:20** Poster Session 3 and coffee
- 16:20 – 18:00** Session 4
chair: Claudia Lengerke
- 16:20 – 17:00 *Development of Hematopoietic Stem Cells*
David Traver, UC San Diego
- 17:00 – 17:20 *tfec expands HSCs by controlling cytokine expression from the caudal vascular niche*
Christopher Mahony, University of Geneva
- 17:20 – 17:40 *Using oncogenic HRAS to model leukemia in zebrafish.*
Elisa Alghisi, DBM, University Hospital
- 17:40 – 17:50 Closing remarks
- 18:00 -** Aperó, Galerie, Pharmazentrum (same building)

Venue address: The meeting takes place in the lecture hall (HS1) at the Pharmazentrum, Klingelbergstrasse 50, 4056 Basel (Switzerland)