

**Tech-Talk Session** Chairs: Simon Renders & Manuel Stemmer

- 15:00 – 15:15 **Niko Dross**, “Long-Term *In-Vivo* Microscopy”  
 15:15 – 15:30 Voting: “Best Short-Talk”  
 15:30 – 16:00 **Coffee Break**

**Social Event**

- 16:00 **Departure by Bus**  
 16:30 – 21:00 **Social Event: Rifle Air Shooting; Incl. Dinner**  
 21:00 **Back to Hotel by Bus**  
 21:30 **Bar – Open-End**

**Wednesday, April 15**

- 07:00 – 09:30 **Breakfast**

**Round Tables and Poster Sessions**

- 08:30 – 09:30 **Set-up Posters**  
 09:30 – 10:00 **Arrival of Pls; Incl. Coffee**  
 10:00 – 11:15 Round Tables with Pls  
 11:15 – 12:15 **Poster Session I** (Odd Numbers); **Incl. Coffee**  
 12:15 – 13:15 **Lunch**  
 13:15 – 14:15 **Poster Session II** (Even Numbers); **Incl. Coffee**  
 14:15 – 15:15 Summary Young Scientist Retreat and Round Tables Discussion  
**Award Ceremony: Short Talk and Poster Award**

**Social Event**

- 15:15 – 15:45 **Coffee Break**  
 15:45 – 17:00 **Social Event: Guided Monastery Tour**  
 17:30 Bus Departure to Heidelberg

**Scientific Organizers** **Nina Cabezas-Wallscheid** and Roberta Scognamiglio  
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SFB 873

“Maintenance and Differentiation of  
 Stem Cells in Development and Disease”



## 4<sup>th</sup> Young Scientist Retreat

# PROGRAM

Hotel Kloster Hirsau in Calw, Germany  
**April 13 - 15, 2015**

**Monday, April 13**

- 08:00 Bus Departure at DKFZ (INF 280, Main Entrance)  
 09:30 Arrival at Hotel Kloster Hirsau in Calw; Luggage Deposit  
 09:30 – 10:15 *Coffee*

**Short-Talks Session I Chairs: Michael Gebert & Isabel Kraemer**

- 10:15 – 10:30 Welcome, **Nina Cabezas-Wallscheid & Roberta Scognamiglio**
- 10:30 – 12:30 **Andrej Miotk**, “Stem Cell Maintenance in the Shoot Apical Meristem of *Arabidopsis thaliana* by the Homeodomain-Transcription Factor”
- Eva Hasel**, “Unbalancing Adult Stem Cells – Assessing Effects of Enhanced EGF Signaling on Different Cellular Subsets in the Teleost Retina”
- Stephan Kirchmaier**, “Establishment of a MADM-Based Approach to Study Stem Cell Behaviour in the Fish Retina”
- Stefanie Höger**, “Hydra Head Regeneration and the Impact of Wnt-Signaling”
- Linda Viol**, “Elucidating the Role of Centrosomes in Asymmetric Cell Division of Hematopoietic Stem Cells”
- Alexandra Burk**, “Quantitative Evaluation of the Relative Significance of Receptor-Ligand Pairs in Bone Marrow Niche”
- 12:30 – 14:00 *Lunch and Check-in*

**Career and Development Session Chairs: Nina Cabezas-Wallscheid & Roberta Scognamiglio**

- 14:00 – 16:00 **David del Alamo**, Editor **The EMBO Journal**, “Scientific Editor as a Career Option”
- Alexandros Vegiopoulos**, **DKFZ Junior Group Metabolism and Stem Cell Plasticity**, “The Quest for a Leadership Position in Research”
- Katrin Arnold**, **Pharma Research & Early Development (pRED) Recruitment, Roche**, “Roche – Insights Into Our Science and People & How to Join Industry”
- Incl. Coffee*

**Social Event**

- 16:00 *Walk to Calw*  
 16:00 – 18:30 *Social Event: Geocaching*  
 18:30 *Back to Hotel*  
 20:00 *Dinner – Open-end*

**Tuesday, April 14**07:00 – 09:00 *Breakfast***Short-Talks Session II Chairs: Claudia Korn & Borhan Saeed**

- 09:00 – 10:30 **Aine Prendergast**, “The Role of the Bone Marrow Stem Cell Niche in IFN $\alpha$  Induced Activation Of Hematopoietic Stem Cells”
- Roberta Scognamiglio**, “Loss of Myc Activity Induces Cellular Dormancy in Embryonic Stem Cells Mimicking the Status of Diapause Embryos”
- Tonio Lang**, “Effect of mir-342 and its Host Gene Evi on Hematopoietic Stem Cells”
- Nina Cabezas-Wallscheid**, “Identification of Regulatory Networks in HSCs and their Immediate Progeny via Integrated Proteome, Transcriptome and DNA Methylome Analysis”
- Katrin Busch**, “Fundamental Properties of Unperturbed Hematopoiesis from Stem Cells *in vivo*”
- 10:30 – 11:00 *Coffee break*

**Short-Talks Session III Chairs: Jose Arturo Gutierrez Triana & Monika Petersson**

- 11:00 – 12:30 **Devanjalī Dutta**, “Regional Cell Specific Profiling Reveals the Regulatory Complexity of the Adult *Drosophila* Midgut”
- Michael Suchanek**, “A Novel Repressor of Canonical Wnt Signaling Regulates Stem Cell Differentiation and Patterning”
- Fani Papagiannouli**, “The Hox Gene *Abdominal-a (Abd-a)* Regulates Somatic Stem Cell Maintenance and Niche Homeostasis in the *Drosophila* Testis”
- Peng Zhang**, “Brahma Regulates The Hippo Pathway Activity through Forming Complex with Yki-sd wnd Regulating the Transcription of Crumbs”
- 12:30 – 13:30 *Lunch*

**Short-Talks Session IV Chairs: Elisa Espinet & Maximilian Hanke Roos**

- 13:30 – 15:30 **Hannah Uckelmann**, “Extracellular Matrix Protein Matrilin-4 regulates HSC stress response”
- Peer Wünsche**, “Discovering Novel Key Players Regulating Hematopoietic Stem Cell Properties”
- Simon Haas**, “Inflammation-induced Emergency Megakaryopoiesis Driven by Hematopoietic Stem Cell-like Megakaryocyte Progenitors”
- Amelie Lier**, “Exit From Dormancy Provokes DNA-damage-induced Attrition in Haematopoietic Stem Cells”
- Lisa Von Paleske**, “Hematopoietic Stem Cell Function Depends on Myc Regulation by a Distant Multi-modular Enhancer”