

**Thursday, April 19**

08:00 – 09:00 *Breakfast*

**Session IV Stem Cells as Causes of Disease**  
Chair: Fabian Graf

09:00 – 09:30 **Friederike Herbst** “Altered expression of EVI1 causes genomic instability and cell cycle arrest”

09:30 – 10:00 **Christopher Hoffmann** “Metastasizing colon cancer initiating cells display distinct gene and miRNA expression profiles”

10:00 – 10:30 *Coffee Break*

10:30 – 11:00 **Eike Buss** “In vivo identification of LSC of AML sorted for ALDH-function and aberrant marker expressions”

11:00 – 11:30 **Van T. Hoang** “Characterization of ALDH expressing cells in AML”

11:30 – 12:00 **Thomas Stiehl** “How mathematical models can help to understand clinical course of leukemias”

12:00 – 13:00 *Lunch*

13:00 – 15:00 Brain storming Session III

**Session V The Establishment and the Future**

15:00 – 15:30 *Coffee Break and Arrival of the Pls*

15:30 – 17:00 Poster Session and Discussion

17:00 – 17:30 Summary Young Scientist Retreat

17:30 **Award Ceremony:** Short Talk and Poster Award

18:00 – 19:30 *Dinner buffet*

20:00 Bus Departure to Heidelberg

**Organizers:** Susanne Bartels and Hanna Uckelmann, DKFZ  
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**Location:** Ringhotel Siegfriedbrunnen  
Familie Ernst & Anne Samer  
Hammelbacher Strasse 7  
64689 Grasellenbach  
<http://www.siegfriedbrunnen.com/rsb/de/index.html>

SFB 873



## 2<sup>nd</sup> Young Scientist Retreat

### PROGRAM

**Ringhotel Siegfriedbrunnen  
Grasellenbach  
April 17 - 19, 2012**

## Tuesday, April 17

08:30 Bus Departure at DKFZ (INF 280, Main Entrance)  
09:30 Arrival at Ringhotel Siegfriedbrunnen and Check-in

### **Session I Mechanisms of HSC Quiescence and Activation** Chair: Gerrit Erdmann

10:00 – 10:30 *Welcome with Coffee*  
10:30 – 11:00 **Hannah Uckelmann** “Mechanisms of IFN $\alpha$  induced proliferation of hematopoietic stem cells”  
11:00 – 11:30 **Stefanie Thamm** “LPS induced activation of hematopoietic stem cells”  
11:30 – 12:00 **Dagmar Walther** “Activation of Fanconi Anemia hematopoietic stem cells induces DNA damage”  
12:00 – 13:00 *Lunch*  
13:00 – 13:30 **Anja Geiselhart** “Insertional mutagenesis to screen for factors which impact on HSC self-renewal”  
13:30 – 14:00 **Susanne Bartels** “The role of the Ang/Tie system in regulating HSC maintenance and recruitment”  
14:00 – 15:00 Brain storming Session I

### **Session II Regulation of Stem Cell Differentiation** Chair: Marta Galach

15:00 – 15:30 **Hossein Azizi** “Identification of spermatogonial stem cells from mouse testis”  
15:30 – 16:00 **Gerrit Erdmann** “Wnt dependent adipogenetic differentiation in mesenchymal stem cells (MSC)”  
16:00 – 16:30 *Coffee Break*  
16:30 – 17:00 **Lázaro Centanin** “A single-cell lineage analysis on retinal stem cells”  
17:00 – 17:30 **Robert Reinhardt** “Deciphering the retinal neural stem cell-specific gene regulatory network in *O. latipes*”  
17:30 – 18:30 Brain storming Session II  
19:00 *Dinner*

## Wednesday, April 18

08:00 – 09:00 *Breakfast*

### **Social Event “In the Footsteps of the Nibelungen”** Outdoor activity

09:00 – 14:00 Hiking in the Odenwald on the famous “Nibelungensteig”  
total distance: 17.2 km/10.7 miles  
total ascent: 250 m  
**Special:** Scavenger hunt in 5 groups  
(in case of bad weather: indoor sport/wellness activity)

*Lunch packages*

### **Session III Keynote Speakers** Chair: Susanne Bartels

14:30 – 15:30 **Judy Peng**, Weinheim (Wiley Publishers)  
“Scientific Publishing and Peer Revision”  
15:30 – 16:00 **Judy Peng**, Weinheim (Wiley Publishers)  
“Careers in Scientific Publishing”  
16:00 – 16:15 *Coffee Break*  
16:15 – 17:15 **Axel Behrens**, London (Cancer Research UK)  
Title t.b.a.

17:15 – 17:30 Poster Set-up

### **Social Event Evening Social Event** Outdoor activity

17:30 – 18:00 Short Walk to the Striethal hut (20 min)  
18:00 – 24:00 *Barbecue*  
**Special:** Bonfire and torchlight hike