

Monday, April 15

08:30 Bus Departure at DKFZ (INF 280, Main Entrance)

09:30 Arrival at Kurhaus Trifels and Check-in

Session I

Chair: Andrej Miotk

10:00 – 10:30 *Welcome with Coffee*

10:30 – 10:50 **Alexandra Burk** “Quantitative Evaluation of the Relative Significance of Adhesion Molecules in Bone Marrow Niche”

10:50 – 11:10 **Dagmar Walter** “Activation of Fanconi Anemia Hematopoietic Stem Cells induces DNA damage”

11:10 – 11:30 **Michael Suchanek** “The role of Wnt signaling in mesenchymal stem/ stromal cell (MSC) differentiation”

Lunch

12:00 – 13:00

Session II

Chair: Stefanie Höger

13:00 – 13:20 **Anja Geiselhart** “Insertional mutagenesis to screen for factors which impact upon hematopoietic stem cell self-renewal”

13:20 – 13:40 **Patrick Wuchter** “Cellular interaction of hematopoietic stem cells and mesenchymal stromal cells in a 3D-model system of the stem cell niche”

13:40 – 14:00 **Stefanie Thamm** “LPS induced activation of haematopoietic stem cells”

14:00 – 15:00 BRAINSTORMING GROUPS

15:00 – 15:30 *Coffee Break*

15:30 – 16:30 Summary

Social Event

1st SFB Cup

18:00 *Dinner*

19:00 – 20:30 Social Event:

1st SFB 873 Cup



Tuesday, April 16

08:00 – 09:00 *Breakfast*

Session III

Chair: Anna-Lisa Böttcher

09:00 – 09:20 **Amelie Lier** “The role of pro-inflammatory cytokines in governing hematopoietic stem cell self-renewal”

09:20 – 09:40 **Cornelia Monzel** “Quantitative Studies on Hematopoietic Progenitor Cell Mobility in light of Adhesion Molecule Density and Drug Concentration”

09:40 – 10:00 **Susanne Bartels** “The role of the Angiopoietin/ Tie system in regulating hematopoietic stem cell maintenance and recruitment”

10:00 – 10:30 *Coffee Break*

Session IV

Chair: Leonard Nevaril

10:30 – 10:50 **Borhan Saeed** “Tracking of leukemia specific somatic mutations in acute myeloid leukemia in xenotransplantation assays and during the course of chemotherapy”

10:50 – 11:10 **Thomas Stiehl** “The impact of mathematical modeling on revealing dynamical properties of stem cell behavior in leukemias”

11:10 – 11:30 **Yusuke Onishi** “Unique principles of lineage segregation revealed by single-cell transcriptomics in the early mouse embryo”

Lunch

12:00 – 13:00 BRAINSTORMING SESSION

13:00 – 14:00 Summary

14:00 – 15:00 Poster Set-up

15:30

Social Event

Evening Social Event

Outdoor activity

17:00

Palatine dinner in mountain lodge

18:00