

OCT 25–26, 2017  
FRANKFURT/MAIN  
GERMANY

# *Dynamics of adult stem cells and cancer*

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**WEDNESDAY, OCTOBER 25****14:30****Welcome:** Henner Farin**14:35 – 16:45****Session I: Advanced *in vivo/in vitro* models for adult stem cells**

(Chair: Henner Farin)

**Meritxell Huch**, Wellcome Trust/CRUK Gurdon Institute, Cambridge, UK  
“Liver organoids for the study of liver biology and disease”

**Freddy Radtke**, ISREC/EPFL – Lausanne, Switzerland  
“t.b.a.”

**Renée van Amerongen**, Swammerdam Institute for Life Sciences/University of Amsterdam, NL  
“Wnt signaling in mammary gland development and breast cancer”

**16:45 – 17:15****Coffee Break****17:15 – 18:15****▶ Key Note Lecture**

**Fiona Watt**, Centre for Stem Cells & Regenerative Medicine, King's College London  
“Homeostasis, Repair and Regeneration in Adult Mammalian Epidermis”

## THURSDAY, OCTOBER 26

**09:00 – 12:20**    **Session II: Single cell and computational tools for tissue and tumor heterogeneity**  
(Chair: Henner Farin)

**Christoph A. Klein**, Experimental Medicine and Therapy Research Uni Regensburg  
“Mechanisms of early dissemination and metastasis formation”

**Zlatko Trajanoski**, Biocenter, Division for Bioinformatics, Innsbruck Medical University, Austria  
“Computing and probing cancer immunity”

**10:20 – 10:50**    **Coffee Break**

**Dominic Grün**, Max Planck Institute of Immunobiology and Epigenetics, Freiburg  
“Single cell RNA-seq reveals cell fate bias of multipotent lymphoid progenitors”

**Sabine Tejpar**, Molecular Digestive Oncology, KU Leuven, Belgium  
“Gene expression based subgrouping in CRC and prognostic associations”

**12:20 – 13:20**    **Lunch**

**13:20 – 17:20**    **Session III: New functional genetic approaches in cancer biology** (Chair: Hind Medyouf)

**Martin Sprick**, HI-STEM Deutschen Krebsforschungszentrum DKFZ, Heidelberg  
“Advanced Models for Target and Marker Discovery in Solid Cancers”

**Borhane Guezguez**, Medizinische Klinik und Poliklinik, Johannes Gutenberg-Universität Mainz  
“Genetic modulation of stem cell signaling: Clinical relevance for leukemia onset”

**Daniel S. Peeper**, Division of Molecular Oncology & Immunology, The Netherlands Cancer Institute  
“Systematic genetic perturbations to reveal therapeutic melanoma vulnerabilities”

**15:20 – 15:50**    **Coffee Break**

**Thomas Brabletz**, Department of Experimental Medicine I, Nikolaus-Fiebiger-Center for Molecular Medicine Erlangen, “Cellular plasticity in cancer: driving force and therapeutic target”

**Lars Zender**, Clinical Tumor Biology, University Hospital and Faculty of Medicine Tübingen  
“t.b.a.”

**17:20**            **Closing remarks**

## **ORGANIZER**

### **Henner Farin**

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## REGISTRATION

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Attendance of the symposium is free of charge.  
Nevertheless, we kindly ask you to register by e-mail  
to help us organize the event.

**GEORG SPEYER HAUS**  
INSTITUTE FOR TUMOR BIOLOGY  
AND EXPERIMENTAL THERAPY

