

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

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INSTITUTE FOR TUMOR BIOLOGY
AND EXPERIMENTAL THERAPY

