

STEM CELLS AND CANCER

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12TH INTERNATIONAL HEIDELBERG SYMPOSIUM ON STEM CELLS AND CANCER

September 14-16, 2025

German Cancer Research Center (DKFZ),
Heidelberg

PRELIMINARY PROGRAM

Supported by:



HI-STEM
HEIDELBERG INSTITUTE FOR
STEM CELL TECHNOLOGY
& EXPERIMENTAL MEDICINE



HEIDELBERG
UNIVERSITY
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SUNDAY, SEPTEMBER 14

AML WORKSHOP - PART 1

- 11:00 Welcome and Opening Remarks
Carsten Müller-Tidow, Heidelberg
- 11:10 Genetics of AML
Lars Bullinger, Berlin
- 11:30 AML and microenvironment
Caroline Pabst, Heidelberg
- 11:50 MAC scoring in AML
Simon Renders, Heidelberg
- 12:10 **Short Talk 1:** selected by the submitted abstracts
- 12:25 *GROUP PICTURE AML WORKSHOP, LUNCH BREAK*

AML WORKSHOP - PART 2

- 13:20 IDH Inhibition in AML
Paresh Vyas, Oxford
- 13:40 AML immunotherapy
Markus Manz, Zurich
- 14:00 Cell therapy of myeloid malignancies
Saar Gill, Philadelphia
- 14:30 *END OF CLINICAL WORKSHOP - COFFEE BREAK*

SYMPOSIUM ON STEM CELLS AND CANCER

- 16:00 Welcome by Carsten Müller-Tidow & Andreas Trumpp
- 16:15 **Keynote Lecture**
Bcl-2 inhibition in myeloid malignancies
Andrew Wei, Melbourne
- 16:55 From single-cell landscapes to spatial architecture in health and disease
Simon Haas, Berlin
- 17:25 DNA methylation controls stemness of astrocytes in brain
Ana Martin-Villalba, Heidelberg
- 17:55 Mechanisms driving clonal hematopoiesis
Margaret Goodell, Houston
- 18:25 *WELCOME RECEPTION*
- 19:30 *END OF DAY 1*

MONDAY, SEPTEMBER 15

- 9:00 **Keynote Lecture**
Therapeutic targeting of chromatin complexes in leukemia
Scott Armstrong, Boston
- 09:40 Novel approaches in targeting advanced colorectal cancer
Rene Jackstadt, Heidelberg
- 10:10 Intestinal stem cells in homeostasis and tumor development
Frederic de Sauvage, San Francisco
- 10:40 *COFFEE BREAK*
- 11:10 Cancer neuroscience of brain tumors
Frank Winkler, Heidelberg
- 11:50 **Short Talk 2:** selected by the submitted abstracts
- 11:55 Clonal Hierarchy in Acute Myeloid Leukemia
Ann-Kathrin Einfeld, Columbus
- 12:35 *Ten Lightning Talks - poster teasers - à 1 minute*
- 13:00 *GROUP PICTURE, LUNCH BREAK, EXHIBITION*
- 13:45 Poster Session 1 (odd numbered posters) and Exhibition
- 15:00 AI-guided hematology for cancer treatment
Mirco Friedrich, Heidelberg
- 15:30 **Short Talk 3:** selected by the submitted abstracts
- 15:45 Decoding functional hematopoietic progenitor cells
Elisa Laurenti, Cambridge
- 16:15 Cell fate repression and liver tumorigenesis
Moritz Mall, Heidelberg
- 16:45 *COFFEE BREAK*
- 17:15 **Short Talk 4:** selected by the submitted abstracts
- 17:30 Cell dynamics in hematopoiesis
Lars Velten, Barcelona
- 18:00 *END OF DAY 2*

TUESDAY, SEPTEMBER 16

- 09:00 **Keynote Lecture**
Shaping epithelial tissues by stem cell dynamics
Elaine Fuchs, New York
- 09:40 Metabolic signaling and metastasis
Sarah-Maria Fendt, Leuven
- 10:10 Molecular regulators of dormant hematopoietic stem cells
Nina Cabezas-Wallscheid, Zurich
- 10:40 Ribosomal RNA-mediated cellular plasticity in AML
Carsten Müller-Tidow, Heidelberg
- 11:10 *COFFEE BREAK*
- 11:40 Adult stem cell function during homeostasis and cancer
Salvador Aznar Benitah, Barcelona
- 12:10 Stem cell aging and malignant transformation
Catriona Jamieson, San Diego
- 12:40 *Ten Lightning Talks - poster teasers - à 1 minute*
- 13:10 *LUNCH BREAK AND EXHIBITION*
- 14:00 Poster Session 2 (even numbered posters) and Exhibition
- 15:15 Risk stratification in older AML patients with intensive treatment
Paresh Vyas, Oxford
- 15:45 Characterization of single neurons reprogrammed by pancreatic cancer
Andreas Trumpp, Heidelberg
- 16:15 RNA modification based plasticity in leukemia
Michaela Frye, Heidelberg
- 17:00 Poster Prizes & Best Short Talk
Concluding Remarks:
Carsten Müller-Tidow and Andreas Trumpp
- 17:30 *END OF CONFERENCE*