

## SUNDAY, SEPTEMBER 14

### AML WORKSHOP - PART 1

- 11:00 Welcome and Opening Remarks  
**Carsten Müller-Tidow**, Heidelberg
- 11:05 Novel stemness regulators in acute myeloid leukemia  
**Caroline Pabst**, Heidelberg
- 11:30 MAC-Scoring predicts AMLs outcome with HMA/Venetoclax  
**Simon Renders & Alexander Waclawiczek**, Heidelberg
- 11:55 **Short Talk 1:** Disrupting tRNA modifications to target mitochondrial vulnerabilities in drug-resistant leukemia cells  
**Cornelius Pauli**, Heidelberg
- 12:10 Immunotargeting of HSPCs and AML  
**Markus Manz**, Zurich

### 12:35 LUNCH BREAK

### AML WORKSHOP - PART 2

- 13:30 Development of new therapies based on alloreactive responses to AML  
**Paresh Vyas**, Oxford
- 13:55 **Short Talk 2:** Acute myeloid leukemia with UBTF tandem duplications respond to combined BCL-2 and RNA polymerase I inhibition with increased stemness and a quiescent-like state  
**Nesrine Aroua**, Heidelberg
- 14:10 Cell therapy of myeloid malignancies  
**Saar Gill**, Philadelphia
- 14:35 **Podium discussion:** Future of AML therapies (invited workshop speakers & Andrew Wei)
- 15:10 **GROUP PICTURE AML WORKSHOP**  
15:30 **END OF CLINICAL WORKSHOP - COFFEE BREAK**

### SYMPOSIUM ON STEM CELLS AND CANCER

- 16:00 Welcome by Carsten Müller-Tidow & Andreas Trumpp  
16:10 Welcome Note by Michael Baumann, CEO & Scientific Director DKFZ
- 16:15 **Keynote Lecture**  
New directions and challenges in AML therapy  
**Andrew Wei**, Melbourne
- 16:55 From single-cell landscapes to data-driven cancer taxonomies and precision medicine  
**Simon Haas**, Berlin
- 17:25 Cancer neuroscience: how stem-like cancer cells are governed by neural features  
**Frank Winkler**, Heidelberg
- 17:55 Mechanisms driving clonal hematopoiesis and impact on distal tissues  
**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 to target cell states in metastatic colorectal cancer  
**Rene Jackstadt**, Heidelberg
- 10:10 Tumor cell plasticity in colorectal cancer  
**Frederic de Sauvage**, San Francisco
- 10:40 **COFFEE BREAK**
- 11:10 Systemic impact of metastasis over host metabolism  
**Salvador Aznar Benitah**, Barcelona
- 11:40 **Short Talk 3:** Endosomal pH: A key driver in leukemic stem cell dynamics  
**Eleni Besiridou**, Heidelberg
- 11:55 Acute myeloid leukemia genomics: Thinking outside of the box  
**Ann-Kathrin Eisfeld**, Columbus
- 12:25 **Ten Lightning Talks - poster teasers - à 1 minute**
- 13:00 **GROUP PICTURE, LUNCH BREAK, EXHIBITION**
- 14:00 **Poster Session 1 (odd numbered posters) and Exhibition**
- 15:15 Decoding and engineering T cell immunity against blood cancers  
**Mirco Friedrich**, Heidelberg
- 15:45 **Short Talk 4:** Tet2 clonal hematopoiesis as a mechanistic driver of diet-induced liver cancer  
**Lina Merg**, Heidelberg
- 16:00 DNMT3A-R882 mutation drives maladaptive myelopoiesis from human haematopoietic stem cells  
**Elisa Laurenti**, Cambridge
- 16:30 **COFFEE BREAK**
- 17:00 Regulation of cellular plasticity in cancer  
**Moritz Mall**, Heidelberg
- 17:30 Single cell and synthetic genomics of blood formation  
**Lars Velten**, Barcelona
- 18:00 **END OF DAY 2**

## TUESDAY, SEPTEMBER 16

- 09:00 **Keynote Lecture**  
Tissue stem cells: Acquiring, remembering and recalling past experiences in sickness and in health  
**Elaine Fuchs**, New York
- 09:40 Metabolic signaling and metastasis  
**Sarah-Maria Fendt**, Leuven
- 10:10 Modulation of bone marrow haematopoietic stem cell activity as a therapeutic strategy after myocardial infarction: a preclinical study  
**Nina Cabezas-Wallscheid**, Zurich
- 10:40 Perils and promises of unlocking stemness in the adult and aging brain  
**Ana Martin-Villalba**, Heidelberg
- 11:10 **COFFEE BREAK**
- 11:40 Small non-coding RNAs drive leukemogenesis via rRNA modifications and chromatin functions  
**Carsten Müller-Tidow**, Heidelberg
- 12:10 Stem Cell Pathways Aging and Cancer Evolution (SPACE)  
**Catriona Jamieson**, San Diego
- 12:40 **Short Talk 5:** Combination of phenotypic drug screening and a WNT signaling reporter to identify stemness-targeting drugs against colorectal cancer  
**Martina Zowada**, Heidelberg
- 12:55 **Ten Lightning Talks - poster teasers - à 1 minute**
- 13:25 **LUNCH BREAK AND EXHIBITION**
- 14:15 **Poster Session 2 (even numbered posters) and Exhibition**
- 15:30 IDH inhibition in AML  
**Paresh Vyas**, Oxford
- 16:00 Targeting innervating peripheral neurons in pancreatic cancer  
**Andreas Trumpp**, Heidelberg
- 16:30 Targeting RNA modifications in cancer  
**Michaela Frye**, Heidelberg
- 17:00 Poster Prizes & Best Short Talk  
**Concluding Remarks:**  
**Carsten Müller-Tidow and Andreas Trumpp**
- 17:30 **END OF CONFERENCE**