

# Recruitment Symposium

## Single Cell Goes Clinical

Thursday, February 6, 2020 at MDC/BIMSB, Hannoversche Str. 28, 10115 Berlin

8:30 am – 9:00 am

**Welcome Snack**

9:00 am – 9:20 am

**Welcome Address by Angelika Eggert (Charité) and Nikolaus Rajewsky (MDC/BIMSB)**

**Session 1**

**Chair: Angelika Eggert (Charité)**

9:20 am – 9:50 am

**Ashley Sanders, EMBL Heidelberg, Germany**  
*Single Cell Genetic Variation in Disease*

9:50 am – 10:20 am

**Alejo Rodriguez-Fraticelli, Boston Children's Hospital, USA**  
*Lineage Tracing on Transcriptome Landscapes Uncovers Mechanisms of Clonal Stem Cell Heterogeneity*

10:20 am – 10:50 am

**Laleh Haghverdi, EMBL Heidelberg, Germany**  
*Multi Omics Single Cell Computational Biology*

10:50 am – 11:45 am

**Coffee Break**

**Session 2**

**Chair: Ana Pombo (MDC/BIMSB)**

11:45 am – 12:15 pm

**Leif Ludwig, Broad Institute of MIT and Harvard, USA**  
*Towards Clonal and Lineage Tracing in Humans enabled by Single Cell Genomics*

12:15 pm – 12:45 pm

**Lorenz Adlung, Weizmann Institute of Science, Israel**  
*Single Cell Metabolic Control*

12:45 pm – 1:15 pm

**Stefanie Grosswendt, MPI for Molecular Genetics, Germany**  
*How Epigenetics Influences what Cells Become*

1:15 pm – 3:00 pm

**Lunch Break**



### Session 3

3:00 pm – 3:30 pm

**Chair: Frank Tacke (Charité)**

**Sueli Marques Spencer, Karolinska Institute, Sweden**  
*Single Cell Omics: Sherlocking our Way through Complex Diseases*

3:30 pm – 4:00 pm

**Simon Haas, HI-STEM & DKFZ, Germany**  
*Single Cell Multi Omics Approaches in Hematology and Precision Medicine*

4:00 pm – 4:30 pm

**Aleksandra Kolodziejczyk, Weizmann Institute of Science, Israel**  
*Single Cell Profiling for Studying Host-Microbiota Interactions*

4:30 pm – 5:00 pm

**Coffee Break**

### Session 4

5:00 pm – 5:30 pm

**Chair: Jan Philipp Junker (MDC/BIMSB)**

**Julia Cordero, University of Glasgow, UK**  
*Local and Systemic Regulation of Intestinal Function in Health and Disease*

5:30 pm – 6:00 pm

**Dirk Löffler, ETH Zürich, Switzerland**  
*Asymmetric Cell Division of Hematopoietic Stem Cells*

6:00 pm – 6:30 pm

**Benjamin Ostendorf, Rockefeller University, USA**  
*Dissecting the Tumor Immunity Cycle for Precision Cancer Immunotherapy*

6:30 pm – 6:40 pm

**Closing Remarks by Nikolaus Rajewsky (MDC/BIMSB)**

