

**Cell sequencing analysis in disease**  
**9th Meeting Single Cell Center Heidelberg (SCC HD)**  
<https://single-cell-center-hd.de>

**Mar 5, 2020 14:00-17:40, EMBL, Large Operon**

Organizers: Eileen Furlong, Karsten Rippe, Josephine Bageritz, Charles Girardot

Please register at <https://indico.dkfz.de/event/156> if you want to attend (book the shuttle\*)

**14:00-15:15 Session I (15 min talks + 10 min discussion), chair Eileen**

14:00-14:25 **Philipp Mallm** (Single Cell Open Lab, DKFZ): t.b.a.

14:25-14:50 **Felix Frauhammer** (Anders group, Univ. of Heidelberg): Cell type Classification with Minimal Marker Gene Sets

14:50-15:15 **Ricardo Ramirez** (Saez-Rodriguez Group, BioQuant): Functional Characterization of Single Cell Experiments to Extract Mechanistic Knowledge

**15:15-15:45 Coffee break with informal discussions**

**15:45-17:00 Session II (15 min talks + 10 min discussion), chair Karsten**

15:45-16:10 **Benjamin Story** (Steinmetz group, EMBL): Analyzing the Transformation of Hematopoietic Stem Cells into Leukemic Cells Using Single-cell Multi-omics

16:10-16:35 **Stephan Tirier** (Rippe group, DKFZ & BioQuant): Transcriptional, metabolic and functional cell states are linked in colorectal cancer

16:35-17:00 **Christoph Dieterich** (University Hospital Heidelberg): Identification of Cardiac Myocyte Subpopulation Structure by Single Cell Sequencing

**17:00-17:10** Wrap up, announcements topics of next meeting on 18th June 2020 (BioQuant, 14:30 hour) and 17th September 2020 (EMBL, 14:00 hour)

26th November 2020 Single Cell Center HD Workshop with external speakers, DKFZ lecture hall, 9:00-18:00 hour

**Discussion with beer & pizza**

**\*Shuttle to EMBL: 13:30 hour, bus leaving in front of the BioQuant**

**Bus to BioQuant: 18:30 hour, leaving in front of the EMBL Operon**

**RNV 39 bus to Bismarckplatz at 18:08 (earlier: 17:51, later: 18:41)**