

# New single cell sequencing methods and applications

## 6th Meeting Single Cell Center Heidelberg (SCC HD)

<https://single-cell-center-hd.de>

**Jun 13, 2018 14:30-17:40, BioQuant, SR 41, ground floor**

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

Venue: BioQuant Center, Im Neuenheimer Feld 267, for directions see:

[http://malone.bioquant.uni-heidelberg.de/contact/Campus\\_Heidelberg\\_BQ.jpg](http://malone.bioquant.uni-heidelberg.de/contact/Campus_Heidelberg_BQ.jpg)

Please send an e-mail to Sofie Steinfest ([secretary\\_B066@dkfz.de](mailto:secretary_B066@dkfz.de)) if you want to attend.

### **14:30-15:45 Session I (15 min talks + 10 min discussion), chair Karsten**

14:30-14:40 **Qin Zhang** (DKFZ): Full length single cell RNA-seq on different platforms

14:40-15:05 **Stefano Secchia** (EMBL): Dissecting cell fate determination during Drosophila development by single cell ATAC-seq

15:05-15:30 **Carl Herrmann** (BioQuant): Exploring cellular variability from multi-omics single-cell data

### **15:45-16:15 Coffee break with informal discussions**

### **16:15-17:30 Session II (15 min talks + 10 min discussion), chair Eileen**

16:15-16:40 **Kati Lappalainen** (DKFZ): Transcriptome analysis by sequencing single nuclei

16:40-17:05 **Josephine Bageritz** (DKFZ): How to make a gene expression atlas of a developing tissue

17:05-17:30 **Christoph Merten** (EMBL): Droplet microfluidics for single cell genomics, antibody screening and personalized medicine

17:30-17:40 Wrap up, announcements topics of next meeting on 12<sup>th</sup> Sept 2019 (EMBL), 12<sup>th</sup> Dec 2019 (BioQuant) and 5<sup>th</sup> Mar 2020 (EMBL).

**Discussion with beer & pizza**