

New single cell sequencing methods and applications

10th Meeting Single Cell Center Heidelberg (SCC HD)

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

July 16, 2020 14:00-16:45 via zoom webinar, opens at 13:45 hour

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

Please register at <https://indico.dkfz.de/event/158/> if you want to attend.

15 min talks + 10 min discussion

14:00-14:05 *Welcome*

14:05-14:30 **Jacob Musser** (Arendt Group, EMBL): Single-cell RNA-seq identifies neural elements in a sponge

14:30-14:55 **David Norali Ghasemi** (Pajtler group, KiTZ Heidelberg): Single nucleus RNA-sequencing reveals intratumoral molecular heterogeneity in Medulloblastoma with Extensive Nodularity (MBEN)

14:55-15:20 **Tobias Heinen** (Stegle Group, EMBL & DKFZ): Allelic imbalance in single-cells: Identifying cell-state-specific genetic effects from sci-ATAC-seq data

15:20-15:30 *Break*

15:30-15:55 **Elisa Kreibich** (Krebs Group, EMBL): DNA methylation heterogeneity at regulatory elements and its impact on gene regulation

15:55-16:20 **Tobias Roeder** (Dietrich group, University Hospital Heidelberg, EMBL & DKFZ): Dissecting intratumor heterogeneity of nodal B cell lymphomas on the transcriptional, genetic, and drug response level

16:20-16:45 *Wrap up followed by opportunity to stay online for discussion and networking*