

18th Meeting Single Cell Center Heidelberg (SCC HD)

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

Dec 8, 2022 14:00-17:30 Bioquant, SR 41, ground floor

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

Please register at <https://indico.dkfz.de/event/444/> if you want to attend.

- 14:00-14:05 Welcome
- 14:05-14:55 Guest lecture
Philipp Junker (MDC Berlin), Cellular drivers of heart regeneration in zebrafish – origin and function
- SCC-HD talks (15 min presentation + 10 min discussion)
- 14:55-15:20 **Harald Voehringer** (Huber lab, EMBL): Single-cell canonical correlation analysis - A generative probabilistic framework to integrate CITE-seq data
- 15:20-15:40 *Coffee break*
- 15:40-16:05 **Nika Goršek** (Bageritz lab, HD-Uni): Planar cell polarity at single cell transcriptome level in *Drosophila*
- 16:05-16:30 **Umut Yildiz** (Noh lab, EMBL): High-throughput single-cell perturbation screens to study chromatin regulators in neurodevelopment and disease
- 16:30-16:55 **Jan Lanzer** (Saez-Rodriguez lab, HD-Uni): Exploring fibroblast activation in cardiac fibrosis
- 16:55-17:00 *Wrap up & announcements followed by discussion and networking with pizza & beer*