

20th Meeting Single Cell Center Heidelberg (SCC HD)

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

June 15, 2023 14:00-17:00 EMBL, Large Operon

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

13:30 Shuttle from BioQuant, INF 267 to EMBL (please register!)

Please register at <https://indico.dkfz.de/event/606/> if you want to attend. Please note that you need to register with an e-mail address from a Heidelberg/Mannheim academic institution.

14:00-14:05 *Welcome*

14:05-14:30 **Fred Hamprecht** (Heidelberg University): Dimension reduction and tease ongoing work in single cell segmentation

14:30-14:55 **Guido Barzaghi** (Krebs Group, EMBL): Necessity and sufficiency of transcription factors for chromatin opening

14:55-15:20 **Lukas Kremer** (Villalba group, DKFZ & Anders group, Heidelberg University): scbs - a new tool to analyze single-cell methylation and multi-omic data

15:20-15:40 *Break*

15:40-16:05 **Baekgyu Kim** (Furlong Group, EMBL): Dissection of epigenetic dynamics during embryogenesis using single-cell chromatin profiling

16:05-16:25 **Ivana Winkler** (Goncalves group, DKFZ): t. b. a.

16:25-16:50 **Luca Marconato** (Stegle Group, EMBL & DKFZ): SpatialData: an open and universal data framework for spatial omics

16:50-17:00 *Wrap up followed by the opportunity to stay for discussion and networking with beer & pizza*

17:45 Shuttle from EMBL to Heidelberg City (please register!)

Dates for the next meetings: 14 Sept 2023 & 14 Dec 2023 (14h00-17h30)