

Analysis of cell types and cell fate trajectories
3rd Meeting Single Cell Center Heidelberg (SCC HD)
<https://single-cell-center-hd.de>

Sep 20, 2018 14-17:30, EMBL Operon

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

Venue: EMBL Operon, for directions see:

https://www.embl.de/training/events/info_participants/travel_information/files/EMBL_Campus_Map.pdf

Bus to EMBL: 13:30 hour, leaving in front of the main entrance of the Bioquant (INF 267)

14:00-14:15 **Eileen Furlong & Karsten Rippe:** Welcome, announcements and organizational issues

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

14:15-14:40 **Margarida Cardoso-Moreira & Mari Sepp:** Single cell sequencing analysis of phenotypic evolution - experiments

14:40-15:05 **Florent Murat & Kevin Leiss:** Single cell sequencing analysis of phenotypic evolution - data analysis

15:05-15:30 **Manuel Rodriguez:** Identification of skin cell types by single cell RNA sequencing analysis

15:30-16:00 Coffee break with informal discussions

16:00-17:15 Session II (15 min talks + 10 min discussion), chair Eileen

16:00-16:25 **Thomas Höfer:** *In vivo* stem cell barcoding to dissect hematopoietic development

16:25-16:50 **Ruzhica Bogeska:** scRNA-seq analysis of hematopoietic stem cells following exposure to chronic inflammatory stress

16:50-17:15 **Oliver Stegle:** Computational single cell genomics

17:15-17:30 Wrap up, format/topics of next meetings on Dec 13, 2018 (Bioquant) and Mar 14, 2019 (EMBL).

Discussion with beer & pizza at the EMBL Rooftop lounge

Bus to Bioquant: 18:30 hour, leaving in front of the EMBL Operon (RNV 39 bus at 18:08)