

**Linking single cell transcriptomes and
phenotypes in their cellular context**
4th Meeting Single Cell Center Heidelberg (SCC HD)
<https://single-cell-center-hd.de>

Dec 13, 2018 14-17:30, 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

Please send an e-mail to Sofie Steinfest (s.steinfest@dkfz.de) if you want to attend.

- 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 **Chiara Baccin:** Combined single-cell and spatial transcriptomics reveals fundamental principles of bone marrow niche organization
- 14:40-15:05 **Angela Goncalves:** Single-cell reconstruction of the early maternal-fetal interface in humans
- 15:05-15:30 **Yong-Sheng Cheng:** Combinatorial color barcoding for multiplexed single molecule RNA visualization
- 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 **Ana Martin-Villalba:** Single cell transcriptome of stem cells in the aging brain
- 16:25-16:50 **Julio Saez-Rodriguez:** Learning multi-cellular signaling from (spatial) single-cell data
- 16:50-17:15 **Stephan Tirier:** Pheno-seq - linking visual features and gene expression in 3D cell culture systems
- 17:15-17:30 Wrap up, format/topics of next meeting on Mar 14, 2019 at the EMBL.

Discussion with beer & pizza