

26th Meeting Single Cell Center Heidelberg (SCC HD)

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

Supported by



Health + Life Science Alliance
Heidelberg Mannheim

December 5, 2024 14:00-17:00 EMBL

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

Please register at <https://indico.dkfz.de/event/871/> 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 [Detlev Arendt](#) (EMBL, Group leader) *"A cell type atlas for the lateral and parietal eyes of the marine lamprey: insights into vertebrate eye evolution"*.

14:30-14:55 **Michael Eibl** (UKHD, [Laugsch's Lab](#)) *"Neural crest gene regulatory networks reveal cell-type specific transcriptional dysregulation in disease"*.

14:55-15:20 **Elena Buglakova** (EMBL, [Kreshuk's Lab](#)) *"Automated mapping of 3D smFISH gene expression data to electron microscopy"*.

15:20-15:45 Break

15:45-16:10 [Jovan Tanevski](#) (UKHD, Group Leader) *"Creating the pillars for computational biomedical discovery from spatial omics data"*.

16:10-16:35 [Ashok Jayavelu](#) (DKFZ-KITZ, Group Leader) *"Spatial and Single-Cell Proteomics Across Diverse Cancer Entities"*.

16:35-17:00 **James-Lucas Cairns**, (Center for Mass Spectrometry and Optical Spectroscopy (CeMOS), [Hopf's Lab](#)) *"Mass-guided Single-Cell MALDI Imaging of Low-Mass Metabolites Reveals Cellular Activation Markers"*.

17:00 Wrap up followed by opportunity to stay for discussion and networking

Discussion with beer & pizza

Date for the next meeting: March 13 2025 at BioQuant (14h00-17h30)

