33rd Meeting Single Cell Center Heidelberg (SCC HD)

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

Supported by

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Health + Life Science Alliance Heidelberg Mannheim

MULTI-SPACE Platform

December 3, 2026 14:00-17:00 EMBL

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

Please register at https://indico.dkfz.de/event/1456/ **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 - 14:45 Camilla Ciolli Mattioli (Helmholtz Institute Würzburg)
"scPAIRturb-seq: Dissecting host-pathogen interactions with scalable single cell RNA profiling of pooled, bacterial genetic screens".

14:45 - 15:10 Piotr Wajda (Holger Erfle and Starkuviene Lab, UH) "Open platform for liquid handling and microscopic analysis of transcriptomic perturbations".

15:10 - 15:20 Katharina Deschler and Arpit Bajpai (Data Space, HLSA)
"The Alliance Data Space - Federated TRE for secure biomedical and clinical data collaboration".

15:20 - 15:45* Coffee *Break

15:45 - 16:10 Siamak Redhai (Boutros Lab, DKFZ)
"Understanding region-specific cell type formation in the intestine".

16:10 - 16:35 Yunfan Bai (Saez Rodriguez Lab, UKHD - EMBL-EBI)
"Deciphering metabolite mediated cell-cell communication from spatially resolved multi-omic data".

16:35 - 17:00 Ezgi Sen (Rippe and Stegle Lab, DKFZ) "Beyond Panel-Restricted Analyses: Whole-Transcriptome Spatial Profiling of Colorectal Cancer with Atera".

17:00 *Wrap up followed by opportunity to stay for discussion and networking*
Discussion with beer & pizza

Date for the next meeting: March 4, 2027 at BioQuant (14h00-17h30).

If you like to present at the next meeting contact: multi-space@health-life-sciences.de

dkfz. GERMAN CANCER RESEARCH CENTER IN THE HELMHOLTZ ASSOCIATION

Heidelberg University Hospital

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