



28th Meeting Single Cell Center Heidelberg (SCC HD)

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

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Health + Life Science Alliance
Heidelberg Mannheim



MULTI-SPACE
Platform

June 5, 2025 14:00-17:00 EMBL SMALL OPERON

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

Please register at <https://indico.dkfz.de/event/1101/> 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 Hu Wangjun ([Velten Group](#), COS, Heidelberg University). "Spatial factor analyzers for multi-subject and multi condition spatial omics data"

14:30-14:55 James Cleland ([Odom Group](#), DKFZ, [Heard Group](#), EMBL) "Mechanisms of sexual dimorphism in liver physiology and cancer"

14:55-15:20 Dominik Lindenhofer ([Steinmetz Group](#), EMBL). "Functional phenotyping of genomic variants using multiomic scDNA-scRNA-seq".

15:20-15:45 *Coffee Break*

15:45-16:10 Javier Vázquez Marín ([Centanin Group](#), COS, Heidelberg University) "Disentangling hierarchical connections between fate-restricted cell lineages in fish gills using scRNA-seq"

16:10-16:35 Maria Puschhof ([Saez Group](#), UKHD/EMBL-EBI), [Trumpp Group](#), DKFZ) "Molecular drivers of low- to high-grade transition in IDH-mutant astrocytoma"

16:35-17:00 Loan Vulliard ([Hartmann Group](#), DKFZ – [Saez Group](#), UKHD/EMBL-EBI) "Coordinated multicellular programs in the colorectal cancer microenvironment"

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

Discussion with beer & pizza

Date for the next meeting: 11st September 2025 at BioQuant (14h00-17h30)