



29th Meeting Single Cell Center Heidelberg (SCC HD)

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

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MULTI-SPACE
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September 11, 2025 14:00-17:00 BioQuant SR41

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

Please register at <https://indico.dkfz.de/event/1344/> 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 [Siamak Redhai](#) ([Boutros Group](#), DKFZ) "Single-Cell Perturbation and Transcriptome sequencing (scPT-seq)".

14:30-14:55 [Maria Musillo](#) ([Bageritz Group](#), COS-UH) "Deep-MuSc Analyzer: A high-content imaging pipeline to map cellular phenotypes in the developing muscle stem cell niche".

14:55-15:20 [Jennifer Heck](#) ([Sinem Saka](#), EMBL, [Noh Group](#), EMBL / Aarhus University) "Come to the light: Resolving local RNA distributions and regulatory mechanisms of the neuron's dark transcriptome using subcellular Light-Seq".

15:20-15:45 Coffee Break

15:45-16:10 [Nikolai Köhler](#) ([Velten Group](#), COS-UH) "Sequence-Based Subcellular RNA Colocalization Prediction".

16:10-16:35 [Lea Wölbert](#) ([Odom Group](#), DKFZ) "Dissecting the aging hematopoietic niche of four distinct mouse species at single-cell resolution".

16:35-17:00 [Karsten Rippe](#) (DKFZ, BioQuant) "Bridging loops and hubs: The AC/DC model of gene regulation".

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

Discussion with beer & pizza

Date for the next meeting: December 4, 2025 at EMBL (14h00-17h30)