



21st Meeting Single Cell Center Heidelberg (SCC HD)

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

Supported by SCiNetID

September 14, 2023 14:00-17:00 BioQuant

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

Please register at <https://indico.dkfz.de/event/638/> 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 **Hanh Vu** (EMBL): "Single cell genomics in planarian flatworms: Opportunities and challenges".

14:30-14:55 **Rienk Offringa** (DKFZ): "scRNA-seq based isolation of tumor-reactive T-cell receptors for individualized T-cell therapy of cancer".

14:55-15:20 **Anne Rademacher** (DKFZ & BioQuant): "Hybridization-based spatial transcriptomics: lessons from the analysis of tumor samples".

15:20-15:40 *Break*

15:40-16:05 **Denis Schapiro** (UKHD, Institute for Computational Biomedicine and Institute of Pathology): "From oncology to cardiology: Spatial omics technologies for topographic biomarker discovery".

16:05-16:30 **Stefan Pfister** (DKFZ, KITZ): "Initiation and evolution of embryonal brain tumors at single cell and spatial resolution".

16:30-16:55 **Sara Lobato Moreno** (EMBL, Noh/Zaugg Group): "Multi-omic characterization of APOE4-associated pathogenicity in neurons and microglia upon neuroinflammation".

16:55-17:15 *Wrap up followed by opportunity to stay for discussion and networking*

Discussion with beer & pizza

Date for the next meeting: 14 Dec 2023 (14h00-17h30)