

9:00-9:30 Coffee

9:30-9:50 **Jani Huuhtanen** (Univ Helsinki):

Single-cell roadmap of antigen-specific T cell responses in immune checkpoint inhibitor therapies in melanoma patients



9:50-10:10 **Marja Mikkola** (Univ Helsinki):

Dissecting cellular heterogeneity in developing skin and hair follicles using scRNA sequencing



10:10-10:30 **Anil Kumar** (Univ Helsinki):

ScType: A novel method for automatic cell type assignment in scRNA seq data



10:30-11:30 Tech talks by sponsors:

Illumina/Per Svensson: Optimize your NGS workflow -How can the right library preparation kit and instruments facilitate your research?"

10x Genomics/Richard Henfrey: Single Cell Genomics and Spatial Transcriptomics Updates

NordicBioSite/Anni Laari: Simultaneous Proteomics and Transcriptomics - TotalSeq™ and The Future of Single Cell Analysis

MissionBio/Kelly Kaihara: Tapestry: Targeted solutions for High-Impact Applications

AH Diagnostics/Simon Foldager Larsen: "Combine Morphology and Phenotype with Imaging Mass Cytometry"

Immunodiagnosics/Sanna Siltanen: "Importance of Accurate Cell Counting for Single Cell Sequencing"

11:30-12:00 Coffee break

12:00-13:00 BMH seminar, **Alex Shalek** (MIT&Broad Institute):

Translating Single-Cell Genomics to the Clinic



13:00-14:00 Lunch on your own (except selected pre-registered students: lunch with speakers)

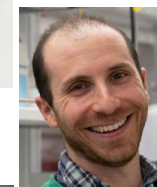
14:00-14:40 **Evan Macosko** (Broad Institute):

Spatial and Single-Cell Genomics for Next-Generation Neuropathology



14:40-15:20 **Joshua Weinstein** (University of Chicago):

De Novo Spatio-genetic Imaging with DNA Microscopy



15:20-15:40 Coffee break

15:40-16:20 **Koichi Takahashi** (MD Anderson Cancer Center):

Clonal diversity and evolution in AML revealed by single-cell DNA sequencing



16:20-16:50 **Malte Lücken** (Helmholtz Zentrum München):

Making optimal use of your single-cell transcriptomic data



16:50-> Wine & snacks

Organizers: Päivi Saavalainen, Anna Vähärautio and Pirkko Mattila

Sponsors: Doctoral Program in Biomedicine, Illumina, 10x Genomics, MissionBio, AH Diagnostics, Fluidigm, NanoString, ImmunoDiagnosics, NordicBioSite, BioTechne/ProteinSimple, IT-CAN/HiLIFE, iCAN (Digital Precision Cancer Medicine Flagship)



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