

# SINGLE-CELL OMICS

## CompLifeSci-symposium

APRIL 20th, 2018

Alpha auditorium, ICT-city, Joukahaisenkatu 3-5, (ground floor)



## PROGRAMME

**9.00-9.10** Single-cell Omics core facility - Introduction to services at Turku Centre for Biotechnology

**9.10 - 10.50** Annika Branting (10x Genomics) 10x Technology – From Single Cell applications to Linked-reads and de novo assembly

**9.50 - 10.10** Coffee break & Immuno Diagnostic exhibition

**10.10- 10.30** Zhi Chen (University of Turku) Helios Mass Cytometry in Turku

**10.30 - 11.00** Päivi Saavalainen (University of Helsinki) Single cell profiling in gastrointestinal inflammations

**11.00 -11.30** Pirkko Mattila (University of Helsinki) Single cell transcriptomic analysis of samples from AML patients before and after treatment

**11.30-13.00** lunch break

**13.00 - 13.30** Anna Vähärautio (University of Helsinki) Single-cell characterisation of high-grade serous ovarian cancer tumor specimens

**13.30 - 14.00** Kylie James (Wellcome Sanger Institute, UK) Mapping Immune Cells and Microbiota in the Human Colon

**14.00 - 14.15** Akira Takeda (University of Turku) Single-cell transcriptomic analysis of heterogeneity of lymphatic endothelial cells in breast cancer

**14.15 - 14.30** Ana Hernández de Sande (University of Eastern Finland) Regulation of cellular stress response dynamics in human endothelial cells

**14.30 - 15.00** Coffee break & BioTop exhibition

**15.00-15.30** Merja Heinäniemi (University of Eastern Finland) Regulatory landscape and cellular dynamics in pre-B-ALL

**15.30-16.00** Manu Tamminen (University of Turku) High-throughput microbial single cell genomics

**16.00** Closing of the meeting

