

Genomics - One Cell at A Time

Opening of the Single Cell Analysis Core

Sunday, October 22, 2017
Yaglom Senate Hall

10:00 - 11:00

Special seminar

Oliver Hobert, Columbia University & HHMI:
Organizational principles of *C. elegans* nervous
system development

11:00-11:15 COFFEE

11:15 Opening remarks

Yoav Henis, Vice President for Research and
Development

Karen Avraham, Vice Dean, Sackler Faculty of
Medicine, Co-Director, SCA Core Lab

11:30 - 12:15

Plenary speaker

Sarah Teichmann (European Bioinformatics
Institute, EMBL-EBI) - Immunogenomics one cell at
a time

12:15 - 12:45

Oren Ram (HUJI) - From single cells to clones:
Advances in droplet-based microfluidics

12:45 - 13:15 LUNCH

13:15 - 13:45

Hila Sharim (Ebenstein lab, TAU) - Single-molecule
genome mapping of 5-hydroxymethylcytosine
allows single cell like population clustering

13:45 - 14:15

Franziska Paul (Amit lab, WIS) - Single cell genomic
analysis of hematopoietic progenitors: Towards a
refined model of hematopoiesis

14:15 - 14:45

Amos Tanay (WIS) - Single cell epigenomics and
epigenetic memory

Organizers: Karen Avraham, Yuval Ebenstein, Irit Gat-
Viks, Lior Mayo, Anat Moshayov, Naomi Caplan