

Announcing the Winners of the Single Cell Contest

Thank you to all who submitted a proposal for the SCGC 10x Single Cell contest and shared your ideas and inspiration with us. We received 11 proposals from the University faculties and affiliated hospitals, each describing innovative experimental plans to advance research using single cell sequencing.

We are thrilled to announce our winners:

Michael Namestnikov (PhD student) and **Prof. Benjamin Dekel** (Sheba Medical Center & Sackler Faculty of Medicine). The goal of the study is to establish and characterize organoids from human fetal kidneys in order to map out cell populations and compare them to the original tissue using single cell analysis.

Dr. Uri Ben-David (Sackler Faculty of Medicine), together with **Prof. Adi Barzel** (Dept. of Biochemistry & Molecular Biology, George S. Wise Faculty of Life Sciences), proposed a project to explore on-target effects of CRISPR-Cas9 editing. Using single cell RNA sequencing, they want to characterize the prevalence and nature of chromosomal losses and loss-of-heterozygosity induced by CRISPR-Cas9 gene-editing of human T cells.

Dr. Yariv Wine (School of Molecular Cell Biology and Biotechnology, George S. Wise Faculty of Life Sciences) will focus on sequencing antigen-specific B-cell receptors isolated from blood of COVID-19 recovered patients.

The prizes include 1 or 2 reactions of a 10x Chromium Single Cell Gene Expression kit or Chromium Single Cell Immune Profiling kit with library prep. Please join us in congratulating the winners!

We encourage all of you to be in touch with us to plan single cell experiments. Our prices are very competitive. We look forward to working with all of you!

Rami Khosravi | Karen Avraham | Lior Mayo
Single Cell Genomics Core

<https://en-med.tau.ac.il/single-cell-genomics-core>