The Laboratory of Prof. Yael Mandel-Gutfreund (Prof. of Biology and Computer Sciences) at the faculty of Biology at the Technion studies the gene expression regulation in human cells in healthy and disease states.

Among the main projects in our lab are:
- Studying the gene expression regulation in human embryonic stem cells, with focus on RNA regulation
- Deciphering co-regulatory networks
- Studying the interactions between proteins and non-coding RNAs in pluripotency and differentiation
- Studying the changes in gene regulation upon viral infections and their associations to disease development

The lab is seeking for
- Graduate students (master / Ph.D.) with computational knowledge and experience, for projects involving big data analysis and deep learning.
- Graduate students (master / Ph.D.) with a degree in biology/biotechnology/biomedicine. Preference for students with lab experience.

Please contact: Yael Mandel-Gutfreund yaelmg@technion.ac.il; Tamar Hashimshony thashimi@technion.ac.il
Open position