



The George S. Wise
Faculty of Life Sciences
Tel Aviv University



THE FRUMKIN LAB

DECODING BIOLOGICAL INNOVATION

Join us in unraveling the secrets of microbial evolution and gene birth!

The Frumkin Lab explores how functional innovations arise in biology. We screen millions of novel synthetic proteins for functional roles, uncover hidden genes in microbes, and decode the molecular arms race between bacteria and viruses.

OUR MISSION

We combine evolutionary research with synthetic biology to uncover how molecular innovations arise in nature. Using modern experimental and computational tools, we advance our understanding of life while identifying new strategies for protein engineering and therapeutic development.

JOIN OUR TEAM!

We're building a dynamic lab where creativity meets scientific rigor.

We are looking for:

- MSc students
- PhD students
- Postdoctoral researchers
- Research Associates

Passionate about science?

Send your CV and
research interests to Dr. Idan Frumkin
idanfrumkin@tauex.tau.ac.il

For more information:
www.frumkinlab.com

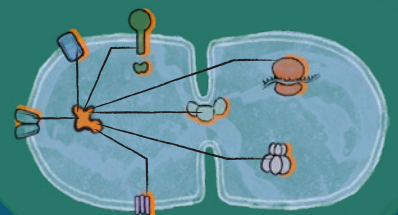
Gene birth

Elucidate molecular mechanisms of gene emergence in evolution



Molecular integration

Decipher how new genes interact with cellular pathways and structures



Adaptive functions

Investigate the roles of new proteins in microbes and phages

