

# From Frodo to AlphaFold

## The Odyssey of a Structural Biologist

📅 January 14-17, 2024

📍 The David Lopatie Conference Centre  
Weizmann Institute of Science

### Celebrating Prof. Joel Sussman's 80<sup>th</sup> Birthday

This symposium celebrates Joel Sussman's 80<sup>th</sup> birthday. As its title implies, it will present a panoramic perspective of structural biology, from its earliest days, when Joel was a graduate student, and data collection, computation and computer graphics were in their infancy, to the present, when structures are swiftly obtained at synchrotrons or by cryo-EM, and, most recently, are solved by powerful computer algorithms. The synaptic enzyme, acetylcholinesterase, perhaps Joel's favorite structure, will not be neglected.

### Invited Speakers Will Include

Jacob Anglister (Rehovot)  
Lili Anglister (Jerusalem)  
Yacov Ashani (Rehovot)  
Keith Dunker (Indianapolis)  
Debbie Fass (Rehovot)  
Sarel Fleischmann (Rehovot)  
Amiram Goldblum (Jerusalem)  
Arthur Grollman (Stony Brook)  
Amnon Horowitz (Rehovot)  
Nibaldo Inestrosa (Santiago)

Leemor Joshua-Tor (Cold Spring Harbor)  
Mike Levitt (Stanford)  
John Moulton (Rockville)  
Nathan Nelson (Tel Aviv)  
Rick Rotundo (Miami)  
Irit Sagi (Rehovot)  
Gideon Schreiber (Rehovot)  
Phil Selenko (Rehovot)  
Michal Sharon (Rehovot)  
Mona Soreq (Jerusalem)

Palmer Taylor (La Jolla)  
Karl Tsim (Hong Kong)  
Tamar Unger (Rehovot)  
Martin Weik (Grenoble)  
Lev Weiner (Rehovot)  
Matthias Wilmanns (Hamburg)  
Alex Wlodawer (Frederick)  
Shoshana Wodak (Brussels)  
Yechun Xu (Shanghai)  
Tzviya Zeev-Ben-Mordehai (Utrecht)

### Organizers

Dr. Orly Dym  
Weizmann Institute of Science

Prof. Tony Futerman  
Weizmann Institute of Science

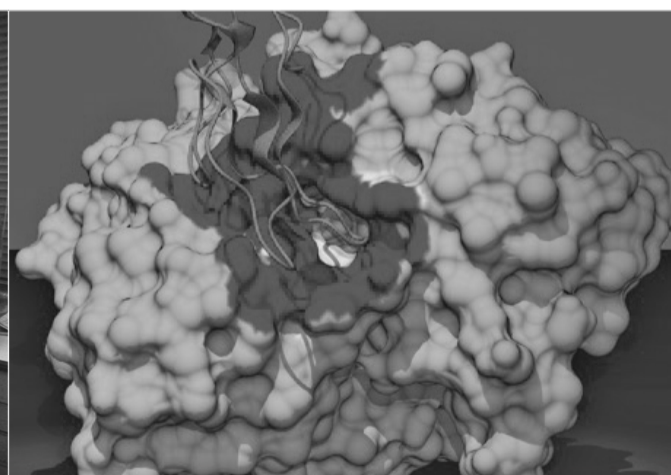
Prof. Oded Livnah  
The Hebrew University of Jerusalem

Prof. Israel Silman  
Weizmann Institute of Science

Prof. Ron Unger  
Bar-Ilan University



**Registration Link**  
[shorturl.at/gEL56](https://shorturl.at/gEL56)



Conference Coordinator & Accessibility Issues | Irit Veksler ✉ [irit.veksler@weizmann.ac.il](mailto:irit.veksler@weizmann.ac.il)

### Sponsors

- ◆ Andrea L. and Lawrence A. Wolfe Family Center for Research on Neuroimmunology and Neuromodulation
- ◆ Department of Chemical & Structural Biology
- ◆ The Chorafas Institute for Scientific Exchange
- ◆ Structural Proteomics Unit
- ◆ Department of Biomolecular Sciences
- ◆ Department of Life Sciences Core Facilities
- ◆ The Helen and Milton A. Kimmelman Center for Biomolecular Structure and Assembly
- ◆ Dean of Biology
- ◆ Dr Barry Sherman Institute for Medicinal Chemistry
- ◆ Dean of Chemistry
- ◆ Dean of Biochemistry
- ◆ G-INCPM