



**TAU BioSoft Day &
The Sackler Biophysics Prize Symposium
June 5, 2023, Tel Aviv University**

Jaglom Auditorium, Senate Building, Tel Aviv University

[Registration](#)

Program

09:00–09:30	Gathering Chair: Raya Sorkin (Tel Aviv)
09:30–10:00	Ayelet Lesman (Tel Aviv) <i>Fibrous environments in long-range cellular interaction</i>
10:00–10:30	Victor Yashunsky (Ben-Gurion) <i>The dance of living matter: Unraveling the relationship between structure and dynamics in multicellular self-organization</i>
10:30–11:00	Natalie Elia (Ben-Gurion) <i>Membrane fission machineries at the origin of eukaryotes</i>
11:00–11:25	Coffee
11:25–11:50	Prize ceremony Chair: Shlomi Reuveni (Tel Aviv)
11:50–12:30	Clifford Brangwynne (Princeton) <i>Living droplets: A liquid phase paradigm for biological organization</i>
12:30–13:00	Yitzhak Rabin (Bar-Ilan) <i>Chemically Active Droplets in Multicomponent Fluids</i>
13:00–14:00	Lunch Chair: Yael Roichman (Tel Aviv)
14:00–14:40	Philipp Kukura (Oxford) <i>Unravelling biomolecular structure, interactions and dynamics with mass photometry</i>
14:40–15:10	Yoav Shechtman (Technion) <i>Single molecule localization microscopy meets deep learning</i>
15:10–15:40	Hagen Hofmann (Weizmann) <i>Bridging scales: From molecules to cell</i>
15:40	Coffee