

**Biomed@TAU Research Hubs of
Membrane Communication & Remodeling and Disorders of the Mind & Brain**

Mini Symposium on

Emerging themes in Proteostasis in Health and Disease

Thursday April 20, 2023// 9:00 to 15:20

The Steinhardt Museum of Natural History

09:00-09:10 Opening: Ronit Sagi-Eisenberg, Hub Director
Karen Avraham, Dean

Session I: Emerging technologies in proteostasis research

09:10-09:30 Raya Sorkin (Tel Aviv) *Tetraspanin proteins in membrane remodeling*

09:30-10:00 Gali Prag (Tel Aviv) *Positive selection: a novel discovery engine for molecular glues as anti-cancer drugs*

10:00-10:20 Zevi Elazar (Weizmann) *Selective Targeting of MitoAutophagosomes to Lysosomes*

10:20-10:40 **Coffee break**

Session II: Cellular trafficking and protein misfolding in disease

10:40-11:00 Eran Perlson (Tel Aviv University) *The axonal function of TDP-43 condensates in ALS*

11:00-11:20 Michael Glickman (Technion) *Defects in ubiquitin signaling and Alzheimer's disease?*

11:20-11:40 Hagit Eldar-Finkelman (Tel Aviv University) *Inhibition of GSK-3 as a protective strategy against neurotoxicity: central roles for autophagy-dependent and- independent pathways*

11:40-12:00 Moran Dvella Levitt (Bar Ilan) *Are we there yet? Outsmarting protein trafficking in the kidney*

12:00-13:00 **Lunch break**

13:00-14:00 **Keynote lecture: David Rubinsztein (Cambridge):**
Autophagy and neurodegeneration

Session III: Regulatory mechanisms of proteostasis

14:00-14:20 Sivan Korenblit (Bar Ilan) *Losing your senses – How sensory impairment affects proteostasis*

14:20-14:40 Ehud Cohen (Hebrew University) *Organismal regulation of proteostasis by nucleolar mechanisms*

14:40-15:00 Reut Shalgi (Technion) *Differential regulation of stress response and aggregation by chaperones and their isoforms*

15:00-15:20 Avi Ashkenazi (Tel Aviv University) *Regulation of the ubiquitin-activating enzyme UBA6 by polyalanine expansion mutations*

[Register here](#)

Organizers:

Ronit Sagi-Eisenberg

Avi Ashkenazi