

# LS&E Advanced Research Day

Thursday, March 2<sup>nd</sup>, 2023, Biology Auditorium

## 8:30 - Meet and coffee

9:00 - Introducing the LS&E – Maayan Duvshani Eshet, LS&E head.

9:15 – Research presentations:

- **Bar Cohen**, Yoav Arava Lab, Faculty of Biology –  
**Cox7c mRNA co-transport with mitochondria along axons via a coding-region-dependent mechanism**
- **Megan Sammons**, Asya Rolls Lab, Faculty of Medicine –  
**Mapping neuronal representations of peripheral immune responses**
- **Yonit Maroudas-Sacks**, Kinneret Keren Lab, Faculty of Physics –  
**Tissue organization and mechanics of Hydra regeneration**
- **Yael Shalev-Ezra**, Yoav Shechtman lab, Faculty of Biomedical Eng.  
**High-Throughput Multi-Dimensional Tracking of Chromosome Reconfiguration During Double-Strand Break Repair**

## 10:35 - 11:50 Coffee Break

10:50 – Research presentations, continue:

- **Gal Chen**, Avi Schroeder lab, Faculty of Chemical Eng. –  
**Mastering complexity: How to design protein micro-factories to promote tissue regeneration**
- **Rina Zuchman**, Benjamin Horowitz Lab, Faculty of Biology –  
**Analysis of stress-induced granules in filamentous fungi**
- **Sarah Goldberg**, Roei Amit Lab, Faculty of Biotechnology and Food Eng. –  
**Uses of LS&E equipment in research: three examples**
- **Avi Rutenberg**, Tomer Shlomi lab, Faculty of Biology and Computer Sciences - **A Novel Cancer Immunotherapy Approach: Overcoming Metabolic T-cell Suppression via Nanotechnology- Based Metabolite Feeding**

12:10 - Flow cytometry advanced applications – Aviv Lutaty & Yousef Mansour

## 12:30 – 13:15 – Light lunch and get together

13:15 - Microscopy advanced applications – Nitsan Dahan & Yael Lupu-Haber

13:35-14:15 - Guest lecture – Assist. Professor **Assaf Zinger**, Faculty of Chemical Eng.  
**Learning From Nature How to Target Diseased Tissues, The Cell Way**

