

WEDNESDAY, February 21

- 7:00-7:25 **Board Buses** as assigned, leaving from bus station next to faculty of biology
- 7:30 **Buses depart** Technion to Ye'arim Hotel
- 10:00-10:30 Luggage storage
Set-up for poster session
- 10:30-12:30 **POSTER SESSION I**
- 12:30-14:00 **MENTORING LUNCH** - roundtable discussions
- 14:00-14:15 **Opening remarks**
- 14:15-16:00 **PLATFORM SESSION A (15m Talk & 5m Q&A per speaker)**
Moderators: Anna Meledin, Sergei Rudnizky
- Michal Ackerman-Lavert (Savaldi-Goldstein Lab)**
New insight into the control of stemness in plants.
- Dedi Meiri (Meiri Lab)**
From anecdote to evidence based knowledge: the future of Cannabis research.
- Michael Carlson (Lindell Lab)**
Oceanic regime shifts shape viral distributions and infection of picocyanobacteria in the North Pacific.
- Akram Alian (Alian Lab)**
Towards Novel anti-AIDS Approaches.
- Danny Zilberstein (Zilberstein Lab)**
Arginine sensing in the human pathogen Leishmania and its role in virulence.

16:00-16:30

COMMUNICATING SCIENCE MARATHON
(5m Talk & 2m Q&A per speaker)

Lilach Zattelman (Henn Lab)

N-terminal splicing extensions of the human MYO1C gene fine-tune the kinetics of the three full-length myosin IC isoforms.

Yulia Fridman (Savaldi-Goldstein Lab)

The hidden dimension: understanding the role of inter-tissue communication in growth from a new angle, using volumetric reconstruction and modeling.

Enas Abu-Zhayia (Ayoub Lab)

CDYL1 fosters double-strand break-induced transcription silencing and promotes homology-directed repair.

16:30-17:00

Coffee break

17:00-19:00

Room check-in/Free time

19:00-20:00

Retreat dinner

20:00-21:00

Get ready for Purim costume party!

21:00-24:00

Purim costume party

THURSDAY, February 22

7:30-9:00

Breakfast

Check-out and luggage storage

9:00-11:00

PLATFORM SESSION B (15m Talk & 5m Q&A per speaker)

Moderators: Rina Ben-El, Yarden Golan

Avihay Kadosh (Shemesh Lab)

Finite Oligomerization, ER tubules and membrane fission.

Sharon Inberg (Podbilewicz Lab)

Mechanosensory experience and degenerins determine dendritic trees structure and behavior.

Gadi Schuster (Schuster Lab)

Integration of genome editing by CRISPR-Cas9 in human mitochondria.

Yael Mandel-Gutfreund (Mandel-Gutfreund Lab)

Dissecting the DNA and RNA Bound Proteome of Human Embryonic Stem Cells.

Philippa Melamed (Melamed Lab)

Enhancing Reproduction.

11:00-11:30

**COMMUNICATING SCIENCE MARATHON
(5m Talk & 2m Q&A per speaker)**

Alina Pushkarev (Beja Lab)

Type-3 rhodopsins: A distinct major group of microbial retinylidene proteins discovered via functional metagenomics.

Dina Aweida (Cohen Lab)

Ordered destruction of desmin intermediate filaments precedes and promotes myofibril loss and muscle wasting.

Ofri Levy (Arava Lab)

The roles of aminoacyl tRNA synthetases in mRNA regulation.

11:30-12:00

Coffee break

11:30-13:30

POSTER SESSION II

13:30-14:30

Lunch

14:30-16:30

PLATFORM SESSION C (15m Talk & 5m Q&A per speaker)

Moderators: Einat Tamar, Enas Abu Zhaiya

Indrajit Sahu (Glickman Lab)

Proteasome, would you like Ubiquitin with your substrate?

Elle Koren (Fuchs Lab)

Apoptosis of the Intestinal Stem Cell Niche Controls Wnt Signaling and Regeneration.

Tomer Shlomi (Shlomi Lab)

Cancer cellular metabolism across space and time.

Yoram Reiter (Reiter Lab)

A novel approach for cancer Immunotherapy by antibody-mediated targeted allow tumor rejection.

Dina Ron (Ron Lab)

Three dimensional organotypic cultures for modeling invasive human cancer.

16:30-17:00

Coffee break
Voting for best talk and poster

17:00-17:30

Closing remarks/Prizes

17:30-17:55

Board buses

18:00

Buses leave for Technion

