The Annual Meeting of the ISPP
Ma’ale Hachamisha
Thursday December 10, 2009

PROGRAM OUTLINE

8:30 - 9:30  Registration and Refreshments (posters hang up)
9:30-11:10  Morning Sessions A and B
11:10-11:30  Coffee Break
11:30-12:45 Student Presentation Competition
12:45-13:30 Poster Session
13:30-14:15 Lunch
14:15-14:30 Business Meeting
14:30-16:10 Afternoon Sessions C and D
16:10-16:30 Coffee Break
16:30-16:45 Ceremony Awarding the Winners of the Poster and Student Lecture Competitions
PROGRAM

9:30-11:10 Morning Sessions A and B

Session A: “Mechanisms of Aging and Alzheimer's Disease” (Hall A)

_Chairs: Danny Michaelson (Tel Aviv University) and Haim Cohen (Bar-Ilan University)_

9:30-9:50 Haim Cohen (Bar-Ilan University): Would MOSES (mice overexpressing exogenous SIRT6) reach 120? And if so, How?

9:50-10:10 Sivan Korenblit (Bar-Ilan University): Insulin/IGF-1 signaling alters the ER stress response to affect longevity.


10:30-10:50 Danny Michaelson (Tel Aviv University): The mechanisms underlying the pathological effects of apoE4 in Alzheimer's disease.


Session B: "When Environmental Physiology Meets Molecules: Digging into the Regulation of Physiological Processes " (Hall B)

_Chair: Michal Horowitz (Hebrew University) Yoram Epstein (Sheba Medical Center)_

9:30-9:50 Yehuda Arieli (Israel Naval Medical Institute, Haifa): Preconditioning to HBO may provide protection against CNS oxygen toxicity in the rat: beating the "devil's triangle".

9:50-10:10 Rotem Cohen (Tel Aviv University): From brain to behavior.


10:30-10:50 Anna Tatievsky (Hebrew University): Does acclimation have a (cytoprotective) memory? Is it an epigenetic mechanism?
10:50-11:10  Dani Moran (Heller Institute, Tel Hashomer): Heat intolerance: When physiology and molecules talk.

11:10-11:30  Coffee Break

11:30-12:45  Student Presentation Competition

Chairs: Bernard Attali (Tel Aviv University) and Yoav Paas (Bar-Ilan University)

11:30-11:42  Nir Fluman (Weizmann Institute of Science): A promiscuous conformational switch in the secondary multidrug transporter MdfA.

11:42-11:54  Nurit Keinan (Ben-Gurion University): Apoptotic stimuli trigger VDAC oligomerization as monitored in live cells using bioluminescence resonance energy transfer (BRET2).

11:54-12:06  Tal Laviv (Tel Aviv University): Endogenous GABA regulates GABAB receptor conformation and release probability at individual hippocampal synapses.


12:18-12:30  Moran Rathaus (Bar-Ilan University): The non-histone targets of the longevity gene SIRT1, a proteomic study.


12:45-13:30  Poster Session

13:30-14:15  Lunch

14:15-14:30  Business Meeting

14:30-16:10  Afternoon Sessions

14:30-16:10  Afternoon Sessions C and D
Session C: “Sensory Neurons Under Stress: From Injury to Neuropathic Pain” (hall A)

Chairs: Marshall Devor (Hebrew University) and Mike Fainzilber (Weizmann Institute)

14:30-14:40 Mike Fainzilber (Weizmann Institute): A brief introduction to the session.
15:02-15:24 Oded Behar (Hebrew University): Correction of axon guidance errors results in neuronal cell loss: a possible predisposition for neuropathies.
15:24-15:46 Noam Zilberberg (Ben Gurion University): Regulation of K2P2.1, a K+ channel involved in pain perception.
15:46-16:08 Marshall Devor (Hebrew University): How does injury response yield hyperexcitability and neuropathic pain?

Session D: “Ion Transporters: Mechanistic and Structural Insights” (Hall B)

Chair: Baruch Kanner and Shimon Schuldiner (Hebrew University)

14:30-14:50 Israel Sekler (Ben Gurion University): Not just ATP, The identification and physiological role of the mitochondrial Na+/Ca\(^{2+}\) exchanger in cellular signaling.
14:50-15:10 Christopher Grewer (Binghamton University, USA): to be announced.
15:10-15:30 Baruch Kanner (Hebrew University): What is chloride doing to the sodium-coupled neurotransmitter transporters?
15:50-16:10 Yael Stern-Bach (Hebrew University): Assembly of AMPA-type glutamate receptors.

16:10-16:30 Coffee Break

16:30-16:45 Ceremony Awarding the Winners of Poster and Student Lecture Competitions