

The Promise of Biomed: Symposium on Joint Projects

**Tel Aviv University (TAU)
and Northwestern University (NU)**

January 19, 2020

Steinhardt Museum of Natural History | Tel Aviv University

9:00-9:30

Coffee

9:30-9:45

Introduction by **Prof. Elie Rekhess, NU**,
Prof. Karen Avraham, TAU
and **Prof. Fruma Yehiely, NU**

Session I

Chair - **Dr. Ronit Shapira**

9:45-10:10

Prof. Nitzan Censor, TAU

Rapid learning and unlearning in the human brain

10:10-10:30

Prof. Liat Kishon-Rabin, TAU

Influence of the auditory-deprived brain on auditory perceptual learning in cochlear implant users

10:30-10:50

Prof. Beverly A. Wright, NU

Common fundamental brain mechanisms underlying auditory and visual perceptual learning

10:50-11:10

Coffee

11:10-11:35

Prof. Ariel Munitz, TAU

and **Prof. Bruce Bochner, NU**

The roles and phenotypes of tumor associated eosinophils

11:35-11:55

Prof. Ronit Sagi-Eisenberg, TAU

and **Prof. Bruce Bochner, NU**

The role of mDia1 in regulating innate immune signaling; mDia1 knockout as model for myelodysplastic syndrome

11:55-12:15

Prof. Peng Ji, NU

Role of mDia1 in regulating innate immune signaling: mDia1 coordinates mast cell migration and secretion through its actin nucleating activity

12:15 **Lunch**

Session II

Chair - **Ms. Pia Lazki Hagenbach**

13:00-13:20

Prof. Uri Ashery, TAU

Hyperbaric Oxygen Therapy as a multifaceted therapeutic approach for Alzheimer's Disease

13:20-13:40

Prof. Robert Vassar, NU

BACE1 & ACE1: The tale of two enzymes in Alzheimer's Disease

13:40-14:20

Dr. Israel Halperin, TAU

and **Prof. Blake McShane, NU**

Evaluation of statistical evidence by exercise and rehabilitation professionals

14:20-15:00

Prof. Jonathan Leor, TAU

Epicardial fat-derived small extracellular vesicles as mediators of atrial fibrillation

15:00-15:25

Dr. Ilana Dubovi, TAU

and **Prof. Uri Wilensky, NU**

Complex systems and restructuring of health-science education: Implications for patient safety and health outcomes

15:25

Closing remarks

Pre-registration requested