JBC Annual Retreat
June 5-7, 2016, Kibbutz Maagan

Program Schedule
Sunday, June 5, 2016

18:00-19:00 Arrival
  Receive Rooms
  Set up Poster Exhibit
19:00-20:00 – Lite Dinner
20:00-20:15 Prof. Udi Zohary, JBC
20:15-21:00 - Special Guest Lecture
  Eyal Winter, Department of Economics, The Center for the Study of Rationality, "Rational Emotions"
21:00-22:30 - Welcome Event
  Wine & Cheese & Poster Exhibit

Monday, June 6, 2016

8:30-10:35 - Session 1: Brain processing of space and time
  8:30-8:55 – Dr. Shahar Arzy, Department of Neurology, ELSC, Hebrew University, “Introduction: Similarities and dissimilarities in brain processing of space and time”
  8:55-9:20 – Dr. Ayelet Landau, Department of Psychology, Hebrew University, “Timing in the brain”
  9:20-9:45 - Dr. Dori Derdikman, Faculty of Medicine, Technion, “Deciphering the brain’s internal GPS”
  9:45-10:10 – Dr. Michael Gilead, Department of Psychology, Ben Gurion University, “The language of future-thought: An fMRI study of embodiment and tense processing”
  10:10-10:35 – Mr. Michael Peer, Department of Neurology, Hebrew University, “Neuro-pathologies of orientation in space and time”

10:35-10:55- Coffee

10:55-12:10 - Session 2: Neuroethology
  10:55-11:20 – Prof. Amir Ayali, Department of Zoology, Tel-Aviv University, “From individual repeated decisions to collective motion: the locust model”
  11:20- 11:45 - Prof. Fred Libersat, Department of Life Sciences, Ben Gurion University, “Neuro-Parasitology: how parasites control the brain of their hosts”
  11:45-12:10 – Prof. Benny Hochner, Department of Neurobiology, Hebrew University, “The embodied organization of brain and body in the motor control of a soft-bodied animal, the octopus”

12:10-13:10 Lunch

13:10-14:10 – Prof. Brian Wandell, Center for Cognitive and Neurobiological Imaging, Stanford Neurosciences Institute, Stanford University
  Heller Lecture: “The brain’s reading circuitry: Computational modeling of cortical responses and connections”

14:10-19:00 - Humanity and the Beginning of Agriculture
  14:10-14:30 - Dr. Leore Grosman, Institute of Archeology, Hebrew University, "The Levant at the cross-road to Agriculture subsistence - ca.12,000 years ago"
  14:30-14:50 - Prof. Ehud Weiss, Institute of Archeology, Bar Ilan University, "Plant domestication on the shores of the Sea of Galilee, 23,000 years ago"

15:00-17:00 Tour of Ohalo and Ein Gev Archeological Sites

17:00- 19:00 Walk & Swim tour of Ha Zeki Stream
19:00-22:00 – Dinner – Mitzpe HaShalom, Kfar Haruv
Tuesday, June 7, 2016

6:00-8:00 Bicycle ride along Kinneret (optional)

8:30-10:10 – Session 3: Jerusalem Motors

8:30-8:55 – Prof. Aharon Lev-Tov, Department of Medical Neurobiology, Hebrew University, “Sensory reactivation of the spinal stepping generators”

8:55-9:20 – Prof. Yossi Yarom, Department of Neurobiology and ELSC, Hebrew University, “Timing and oscillations in the cerebellar system”

9:20-9:45 – Prof. Yifat Prut, Department of Medical Neurobiology, Hebrew University, “Excitation-inhibition interplay dictates timing of motor actions”

9:45-10:10 – Prof. Hagai Bergman, Department of Medical Neurobiology, Hebrew University, “Optimal integration of cognitive, emotional and motor information in the basal ganglia networks”

10:10-11:40 – Coffee and Poster Exhibition

11:40-12:20 – Session 4: Guest Lecturer

Prof. Rafi Mechoulam, School of Pharmacy, Hebrew University, “The Brain and Drugs”

12:20-13:05 – Lunch

13:05-14:45 – Session 5: Sensory Systems Plasticity

13:05-13:30 – Prof. Adi Mizrahi, Department of Neurobiology, ELSC, Hebrew University, “Eavesdropping on Cortical Plasticity”


13:55-14:20 – Dr. Netta Levin, Department of Neurology, Hebrew University, “Temporal aspects of visual perception in demyelinative diseases”

14:20-14:40 – Coffee

14:40-16:15 – Session 6: Receptor Function and Neuronal Activity

14:40-15:05 – Prof. Rami Yaka, School of Pharmacy, Hebrew University, “Exciting inhibitory control of VTA dopamine neurons by cocaine”

15:05-15:30 – Prof. Yael Stern-Bach, Department of Biochemistry, Hebrew University, “Combinatorial control of AMPA receptor function by auxiliary proteins”

15:30-15:55 – Dr. Avi Priel, School of Pharmacy - Hebrew University, “Moderate TRPV1 activation mediates prolonged nociceptors response during inflammation”

15:55 – 16:15 - Coffee Break

16:15-17:15 – Session 6: JBC Student Prize Contest

Student Blitz - Presentation of work by students (5 Minutes per student).

17:15-17:30 – Closing Remarks & Announcement of Poster Prize Contest