

**JBC Retreat – May 17-19, 2015 – Program**

**@Pundak Ramon, Mitzpe Ramon**

Sunday, May 17

18:00-19:00 – Arrival

19:00-20:00 – Dinner

20:00-20:15 Prof. Udi Zohary, *The JBC: What for & how?*

20:15-21:00 - **Special Guest Lecture** – Prof. Sharoni Shafir, Department Of Entomology, The Robert H. Smith Faculty of Agriculture, Food and Environment, Hebrew University, Rehovot

*“The King, the Queen, and the Worker – A Balancing Act of Honey Bee Foragers”*

21:00-22:30 Welcome event with Wine & Cheese

Monday, May 18

**9:00-10:10 – Session 1: Faces/Self -Perception**

9:00-9:35– Dr. Hillel Avieser, Department of Psychology

*Beyond Pleasure and Pain: Taking a Closer Look at Extreme Emotional Expressions*

9:35-10:10 – Dr. Shahar Arzy, Department of Neurology, Hadassah Medical School

*The Orientation System and its Dysfunction in Neuropsychiatry*

10:10-10:25– Coffee

**10:25-11:35– Session 2: Sensation and Perception**

10:25-11:00- Dr. Yoram Ben Shaul, School of Medicine-IMRIC-Medical Neurobiology

*Challenges and Potential Solutions for Extracting Social Information from Chemosensory Cues*

11:00-11:35 – Prof. Israel Nelken, Department of Neurobiology, Institute of Life Sciences and ELSC

*The Representation of Surprise in the Ascending Auditory System*

11:35-11:50 – Coffee

**11:50-13:00- Session 3: Pain**

11:50-12:25 – Dr. Sebastian Kadener, Biological Chemistry Department and Institute of Life Sciences.

*Function of circular RNAs (circRNAs) in the normal and degenerative brain.*

12:25-13:00 – Dr. Josh Goldberg, Department of Medical Neurobiology and IMRIC

*Striatal Cholinergic Interneurons in Huntington's Disease.*

13:00-13:45 Light Lunch

14:00-14:15 –Preparation for the trip

14:30-19:00 – Trip – Walking tour in Mahtesh Ramon

A 4 hour round walk (5 KM) to Har Saharonim, Parsat Nekarot, Ein Saharonim

Will view the crater and hear about the crater's formation, history of the area, plant and animal life.

19:00-22:00 –Outdoor Dinner – Mitzpe Ramon

Tuesday, May 19

7:00-8:00 **Bicycle ride along Mahtesh Ramon cliff (optional)**

**9:00-10:25 – Session 4: Neurodegenerative Diseases**

9:00-9:35 – Prof. Millet Treinin, Department of Medical Neurobiology

*On Conservation of Polymodal Nociceptors in Evolution*

9:35-10:10 – Dr. Avi Priel, School of Pharmacy

*Activation of the Pain Receptor TRPV1 by Inflammatory Mediators*

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

**11:10-12:15– Session 4: JBC Student Prize Contest**

Presentation of works by students (5 Minutes per student).

**12:15-13:25 – Session 5: Reward Systems**

12:15-12:50 – Dr. Ami Citri, ELSC and Institute of Life Sciences

*Transcriptional Networks Provide a Window Into the Neural Circuitry of Addiction*

12:50-13:25 – Dr. Yoni Kupchik, School of Medicine-IMRIC-Medical Neurobiology,

*Neural Substrates of Relapse in Addictive Disorders – Similarities between Cocaine Addiction and Obesity*

13:30-14:30 – Lunch

**14:30-15:30 – Session 6: The Neural Basis for Language**

14:30-15:05 – Prof. Ram Frost, Department of Psychology

*“Statistical learning: from cognition to neuroscience”*

15:05-15:40– Prof. Yosef Grodzinsky, ELSC and Language, Logic and Cognition Center

*“Linking Pieces of Higher Cognitive Functions to Anatomical Pieces: A Neurolinguist's Perspective”*

15:40-16:15 – Dr. Aviv Mezer, ELSC

*Quantify the Anatomical Variations between Individuals*

16:15-16:30– Closing remarks