

**The 11<sup>th</sup> Retreat of the Edmond J. Safra Center for Bioinformatics  
May 29-30, 2016**

**PROGRAM**

**Sunday (29/05/16):**

*Buses leave at 8:30am (from TAU gate no. 2)*

11:30-11:40 *arrival to Maagan*

11:40-11:50 **Opening**

11:50-12:25 **Raanan Berger**, Head of Institute of Medical Oncology, Sheba Medical Center, **Keynote talk:** Molecular personalized cancer medicine – Is it a game changer in treating cancer patients?

12:25-12:40 **Noa Wertheimer** (Judith Berman's group): Understanding the molecular mechanisms of heteroresistance in *Candida glabrata*

12:40-14:00 *Tour and light lunch*

14:00-14:45 **Eli Eisenberg**, **Tutorial session:** RNA editing, a source for transcriptome complexity

14:45-15:00 **Eli Goz** (Tamir Tuller's group): Deciphering and engineering the silent information encoded in viral genomes

15:00-16:00 *Break (coffee, room keys distribution)*

16:00-16:35 **Liran Carmel**, Genetics Faculty of Science, the Hebrew University, **Keynote talk:** The Neanderthals and us: what does it take to make us humans?

16:35-16:50 **Elior Rahmani** (Eran Halperin's group): Correction for tissue heterogeneity in DNA methylation data

16:50-17:15 **Poster 1<sup>st</sup> lightning session** (posters 1-18)

17:15-19:00 **Poster 1<sup>st</sup> session** (posters 1-18) *and coffee*

19:00-20:00 *Dinner*

20:00 *Social activity and Beer*

**Monday (30/05/16):**

07:00-09:00 *Breakfast + Checkout (luggage in storage room)*

09:00-09:25 **Ran Elkon:** Crispr-based functional screens for regulatory elements in the human genome

09:25-09:40 **Yael Steurman** (Irit Gat-Viks' group): Computational methods in immune cell heterogeneity

09:40-10:05 **Poster 2<sup>nd</sup> lightning session** (posters 19-37)

10:05-11:45 **Poster 2<sup>nd</sup> session** (posters 19-37)

11:45-13:00 *Active recess (sports activities/swimming)*

13:00-14:00 *Lunch*

14:00-14:25 **Yossi Shiloh:** The DNA damage response: the complexity keeps growing

14:25-14:40 **Tal Zinger** (Adi Stern's group): Computer simulation approach for predicting the evolution of RNA viruses in tissue culture

14:40-15:30 **Mixer: "Meet the Expert" and coffee**

Karen Avraham	The path to a/my scientific career: the journey, successes and dilemmas
Ran Elkon	How to give a good scientific talk?
Irit Gat-Viks, Eran Halperin	How to choose a good scientific problem?
Uri Gophna	Maintaining self motivation when results are so-so and future is Blurred
Itay Mayrose	What do I do from here?
Tal Pupko	How to build a scientific career?
Ron Shamir	How I got into science?
Adi Stern	Experience/successes/failures in the academic career
Tamir Tuller	A scientific career in the academia vs. high-tech/bio-tech

15:30-15:55 **Saharon Rosset:** Still searching for missing heritability: statistical methods for analyzing genome wide studies

15:55-16:05 **Closing remarks** (best poster prize winner declaration)

16:05 *Buses leave to TAU*