



**The 14th Retreat of the Edmond J. Safra Center for Bioinformatics
May 26-27, 2019**

PROGRAM

Sunday (26/05/19):

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

10:30-12:00 *Bio-Tour in Sde Eliyahu*

12:30- *Arrival to Maagan-Eden, Kinneret (light lunch)*

13:00-13:15 **Opening**

13:15-13:50 **Asaf Levy**, The department of Plant Pathology and Microbiology, Faculty of Agriculture, Food, and Environment, The Hebrew University, **Keynote talk:** Discovery and characterization of plant microbiome gene functions

13:50-14:05 **Gali Yanovich-Arad** (Tamar Geiger's group): Integration of proteomics and genomics analysis in clinical cancer research

14:05-14:30 *Coffee break*

14:30-14:55 **Elhanan Borenstein:** Computational methods for microbiome research

14:55-15:10 **Amit Frishberg** (Irit Gat-Viks group): Personalized healthcare for atherosclerosis in obesity

15:10-15:25 **Eldad Shulman** (Ran Elkon's group): Cell type-specific analysis of alternative polyadenylation using single-cell transcriptomics data

15:25-15:55 **Poster 1st lightning session** (posters 1-29)

15:55-17:25 **Poster 1st session** (posters 1-29) *and coffee*

17:25-19:00 *Break (room keys distribution)*

19:00-20:00 *Dinner*

20:00 *Social activity*



Monday (27/05/19):

07:00-09:00 *Breakfast + Checkout*

09:00-09:30 **Ran Elkon:** (tutorial) GWAS: the great promises are starting to be fulfilled

09:30-09:45 **Shir Bahiri** (Tamir Tuller's group): Prokaryotic rRNA-mRNA interactions are involved in all translation steps and shape bacterial transcripts

09:45-11:00 **Mixer:** Challenges in research and studies

11:00-11:30 **Poster 2nd lightning session** (posters 30-57)

11:30-13:00 **Poster 2nd session** (posters 30-57) *and coffee*

13:00-14:00 *Lunch*

14:00-14:35 **Yaniv Erlich**, Chief Science Officer at MyHeritage, Associate Professor of Computer Science, Columbia University, Adjunct Core Member, New York Genome Center, **Keynote talk:** Genetic privacy: friend or foe

14:35-14:50 *Coffee break*

14:50-15:15 **Asaf Madi:** Systems immunology approaches in cancer, infections and autoimmunity

15:15-15:25 **Closing remarks** (best poster prize declaration)

15:30 *Buses leave to TAU*