

**The Ninth Retreat of the Edmond J. Safra Center for Bioinformatics
Ohalo, May 26-27, 2014**

PROGRAM

Monday (26/05/14):

Buses leave at 8:45am (from TAU gate no. 2), arrival to Ohalo at 11:15.

11:15-11:30 Organization, luggage in storage room.

11:30-11:40 Opening

11:40-12:15 **Dani Zamir, Faculty of Agriculture, The Hebrew University, Keynote talk:** Geno-Pheno informatics in plant breeding

12:15-13:45 **Tour and light lunch:** Historic Kinneret cemetery – pioneers and poets

13:45-14:10 **Gil Ast:** Chromatin, epigenetics and alternative splicing: how do they work together?

14:10-14:25 **Yaron Orenstein** (Ron Shamir's lab): Inferring binding site motifs from high-throughput in vitro data

14:25-14:30 Edmond J. Safra Center **Young Researchers Forum** – brief introduction

14:30-15:30 Break (coffee, room keys distribution)

15:30-16:00 **Poster 1st lightning session**

16:00-17:30 **Poster 1st session** (posters numbers 1-17)

17:30-17:45 **Shachar Kaufman** (Saharon Rosset's lab): Maximizing power of genome-wide association studies by taking advantage of additional data sources and statistical assumptions

17:45-18:30 **Panel discussion: Ron Shamir (Moderator), Gil Ast, Roded Sharan and Noam Shomron:** The future of (computational) personalized medicine

18:30-19:45 Dinner

19:45 Social activity

Tuesday (27/05/14):

5:30 Running group - optional sunrise activity (organized by Tal Pupko)

7:00-9:00 Breakfast + **Checkout** (luggage in storage room)

9:00-9:15 **Yaara Arkin** (Eran Halperin's lab): Efficient detection of gene-gene interactions

9:15-10:00 **Saharon Rosset: Tutorial session:** Bootstrap methods: the statistician's magic wand

10:00-10:25 **Poster 2nd lightning session**

10:25-11:40 **Poster 2nd session** (posters numbers 18-34)

11:40-13:00 Active recess - sports activities

13:00-14:00 Lunch

14:00-14:15 **Evgeny Yurkovsky** (Iftach Nachman's lab): Dynamics of stem cells exit and re-entry to the pluripotency state

14:15-14:50 **Eyal Privman, Institute of Evolution, University of Haifa, Keynote talk:** Looking for social adaptations in ant genomes

14:50-15:35 **Mixer: Meet the Expert** (outdoors)

Karen Avraham	How to build a scientific career, combine between an academic career and a personal life, as a woman in science?
Judith Berman	How to choose a scientific question together with What is a good/bad scientific question?
Itay Mayrose	Maintaining self motivation when results are so-so and future is blurred
Iftach Nachman	How to choose a postdoc lab/advisor?
Tal Pupko	Combining life with research
Saharon Rosset	How to do good interdisciplinary research?
Ron Shamir	How to choose a graduate lab/advisor?
Noam Shomron	How to give a good scientific talk?

15:35-15:45 Coffee break

15:45-16:10 **Karen Avraham:** Why genetics: lessons from the inner ear

16:10-16:15 Closing remarks (best poster prize winner's declaration)

16:15 Organization, buses leave to TAU