

**The Eighth Retreat of the Edmond J. Safra Center for Bioinformatics
Kfar Giladi, May 1-2, 2013**

PROGRAM

Wednesday (01/05/13):

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

11:45-11:50 Organization, luggage in storage room.

11:50-12:00 Opening remarks

12:00-12:45 **Yoav Benjamini**: Replicability issues and selective inference in GWAS studies

12:45-14:45 **Tour** and **Mixer** (participants will be divided into two groups: one group will have a 1-hour tour with a sandwich lunch, while the other group will have a '**Mixer**'. At 13:45 the groups will switch).

14:45-15:10 **Roni Wilentzik** (Irit Gat-Viks' lab): Reconstructing the regulatory circuits underlying genetic variations

15:10-15:35 **Michael Estrin** (Haim Wolfson's lab): Structure-based procedure to scan the protein data bank for hidden ubiquitin binding domains

15:35-16:10 Break (coffee and refreshments, room keys distribution)

16:10-17:00 **Simone Botti, Israel Bioincubator Fund Head, Keynote talk**: From Data to Dollars: Israeli stories about bioinformatics companies that made it (or crashed) in the market

17:00-17:50 **Poster Lightning** session (each poster is highlighted in a 2-minute presentation)

17:50-19:15 Coffee and **Poster** session

19:15-20:45 Dinner and **Meet the Expert**

Eran Halperin: "How to give a good scientific talk"

Tal Pupko: "How to choose a graduate/postdoc lab"

Saharon Rosset: "How to choose a scientific question"

Eytan Ruppin: "How *not* to build a scientific career"
Ron Shamir: "My roundabout way into science"

20:45 Social activity

Thursday (02/05/13):

7:00 Acro-Yoga (sunrise optional activity)

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

9:00-9:25 **Matthew Oberhardt** (Eytan Ruppin and Uri Gophna's labs): Towards culturing the unculturables

9:25-9:50 **Alexandra Dana** (Tamir Tuller's lab): Understanding the determinants and dynamics of translation elongation via the analysis of ribosomal profiling experiments

9:50-10:30 Short **tour** to observation point

10:30-11:30 Active recess (pool and sports activity)

11:30-11:40 Break (gathering at the entrance to the lecture hall)

11:40-12:30 **Ido Bachelet, Bar Ilan University, Keynote talk:** User interfaces for DNA machines

12:30-12:55 **Nir Atias** (Roded Sharan's lab): An experimental design scheme for learning Boolean Network Models

12:55-14:00 Lunch

14:00-14:35 **Judith Berman:** Mapping and tracking genome dynamics

14:35-15:00 **Ofer Isakov** (Noam Shomron's lab): Viral population variance analysis

15:00-15:10 Coffee break

15:10-15:45 **Uri Gophna:** Dynamics of the human gut microbiota

15:45-15:55 Closing remarks

15:55-16:05 Organization, buses leave to TAU