

Seventh Edmond J. Safra Center for Bioinformatics Retreat

Ginosar, 6-7th of May, 2012

PROGRAM

Sunday (06/05/12):

Buses leave at 8:30am (from TAU gate no. 2), arrival to Ginosar at 11:20.

11:20-11:40 Organization, luggage in storage room, reception with refreshments.

11:40-11:55 Opening remarks

11:55-12:30 **Itay Mayrose: The evolutionary consequences of whole genome duplications**

12:30-13:50 Tour to Igal Allon Museum and light lunch

<http://www.bet-alon.co.il/museum/museum.php>.

13:50-14:25 **Tamir Tuller: Deciphering, modeling, and re-engineering the gene translation code and its evolution via a multidisciplinary approach**

14:25-14:50 **David Amar: Improved understanding of gene regulation via differential co-expression** (Ron Shamir's lab)

14:50-15:45 Break (coffee and refreshments, room keys distribution)

15:45-16:35 **Doron Behar**, Estonian Biocentre and Department of Evolutionary Biology, University of Tartu, Estonia & Molecular Medicine Laboratory, Rambam Health Care Campus, Haifa, **Keynote talk: Archaeogenetics of the Jewish people**

16:35-16:45 Break

16:45-17:30 Poster highlights

17:30-19:00 Poster session

19:00 Dinner

20:30 Social activity (on the beach)

Monday (07/05/12):

7:00- 8:30 Breakfast

8:30-10:00 **Science mixer**

10:00-10:10 Break

10:10-10:35 **Elad Liebman: A phylogenetic approach to music performance analysis** (Benny Chor's lab)

10:35-11:00 **Dror Hollander: GC content & splicing - differential GC content between exons and introns establishes distinct strategies of splice site recognition** (Gil Ast's lab)

11:00-12:30 Checking out and social activities in the hotel facilities (pool etc.).

12:30-13:20 **Ehud Shapiro**, Department of Computer Science & Applied Math and Department of Biological Chemistry, Weizmann Institute of Science, **Keynote talk: Uncovering stem cell dynamics by cell lineage reconstruction**

13:20-14:20 Lunch

14:20-14:55 **Eytan Ruppin: Drugs without side-effects?!**

14:55-15:20 **Ofir Cohen: Genome-scale evolution of microorganisms: the extent, determining factors, and adaptive importance of gene families acquisitions** (Tal Pupko's lab)

15:20-15:40 Coffee break

15:40-16:05 **David Golan: Weighted pooling - practical and cost effective techniques for pooled high throughput sequencing** (Saharon Rosset's lab)

16:05-16:10 Concluding remarks

16:10-16:20 Organization, buses leave to TAU