

TENTATIVE SCIENTIFIC PROGRAM

08:30 Registration

09:00 – 09:10 Opening Session

Opening
Avi Levy, Chairperson, The Genetic Society of Israel


09:10 – 11:00 Session I

09:10 *Plenary Lecture*
MONITORING MUTATIONS AND RECOMBINATIONS IN LIVING CELLS
Miroslav Radman, Necker University, Paris, France

09:50 EVOLUTION OF GENE EXPRESSION
Naama Barkai, The Weizmann Institute of Science

10:20 MICRORNAS: NEW KIDS ON THE GENOMIC BLOCK
Noam Shomron, Sackler School of Medicine, Tel Aviv University

10:40 GENOME-WIDE IDENTIFICATION OF HUMAN RNA EDITING SITES BY
PARALLEL DNA CAPTURING AND SEQUENCING
Erez Levanon, Bar Ilan University

11:00 - 11:20 

11:20 - 13:20 Session II

11:20 *Plenary Lecture*
ASYMMETRIC CELL DIVISION THROUGH SELECTIVE CHROMATID
SEGREGATION AS A GENERAL MECHANISM FOR CELLULAR
DIFFERENTIATION
Amar Klar, National Cancer Institute at Frederick, MD, USA

12:00 DISEASE GENE HUNTING IN ISOLATED POPULATIONS: FROM THE
CLINIC TO THE LABORATORY AND BACK AGAIN
Lina Basel-Vanagaite, Sackler School of Medicine, University of Tel Aviv,
Schneider Children's Medical Center of Israel, Petach Tikva

Annual Meeting 2010
FRONTIERS IN GENETICS VI
Weizmann Institute of Sciences, Rehovot, February 18, 2010

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12:20 - 13:20 Session II (cont.)

12:20 COMPARITIVE DEVELOPMENTAL TRANSCRIPTOMICS IN A TREE OF NEMATODES

Itai Yanai, Technion – Israel Institute of Technology

12:40 MTDNA MUTATION PATTERN IN TUMORS AND HUMAN EVOLUTION ARE SHAPED BY SIMILAR SELECTIVE CONSTRAINTS

Eitan Rubin, Ben Gurion University of the Negev

13:00 GENETIC SOCIETY ASSEMBLY MEETING & ELECTIONS
PRESENTATION OF HONORARY AWARD

13:20 *Lunch, Poster Session and Exhibition Viewing*



14:30 – 16:30 Session III

14:30 GENOME ANNOTATION BY DNA METHYLATION
Chaim Cedar, The Hebrew University of Jerusalem

15:00 THE ROLE OF REPLICATION STRESS IN CHROMOSOMAL INSTABILITY AND CANCER DEVELOPMENT

Batsheva Kerem, The Hebrew University of Jerusalem

15:30 QTL CLONING IN WILD EMMER WHEAT
Tzion Fahima, University of Haifa

16:00 READING AND WRITING TRANSCRIPTIONAL BEHAVIORS IN THE LANGUAGE OF DNA

Eran Segal, The Weizmann Institute of Science

16:30 Closing remarks and poster prizes