

**The 50th Anniversary Annual Meeting of
The Israel Society for Biochemistry & Molecular Biology**

on

New horizons in Cellular and Molecular Biology of the 21st Century

Wohl Center, Bar Ilan University, Derech Keren Hayesod, Ramat Gan

Thursday, February 19, 2009

Scientific Program *

08:15 Registration
08:45 Opening – Greetings (Ephraim Katzir, Uriel Littauer, Israel Pecht)

09:20-11:15 Session A Chair: **Michael Eisenbach**

09:20 ***The Annual Prof. Uriel Littauer Lecture:***
Chair: **Natan Dascal**

L1 CHANGES IN THE BRAIN PRODUCED BY CHRONIC EXPOSURE TO NICOTINE
Henry Lester, California Institute of Technology , USA

10:00 Award of Hestrin Prize
Chair: **Michael Eisenbach**

10:05 L2 **Hestrin Prize Lecture:**
CONTROLLING ASSEMBLY AT THE NANO-SCALE: FROM THERAPY TO DEVICES
Ehud Gazit, Tel Aviv University

10:30 Award of Teva Prizes
Chair: **Orna Elroy-Stein**

10:35 L3 **Teva Prize Lecture:**
STRUCTURAL BASIS FOR CROSS-RESISTANCE TO RIBOSOMAL PTC ANTIBIOTICS
Chen Davidovich, Weizmann Institute

10:55 L4 **Teva Prize Lecture:**
DYNAMIC PROTEOMICS OF INDIVIDUAL CANCER CELLS IN RESPONSE TO DRUGS
Naama Geva Zatorsky, Weizmann Institute

11:15 End of Session

11:15 -11:45 **Coffee break**

11:45-13:00 Session B Chair: **Chaim Cedar**

11:45 L5 NEXT GENERATION SEQUENCING TECHNOLOGIES: GAME CHANGERS IN
BIOLOGICAL RESEARCH
Rotem Sorek, Weizmann Inst.

12:10 L6 A NOVEL HIGH-THROUGHPUT GENETIC APPROACH FOR THE STUDY
OF ER FUNCTIONS
Maya Schuldiner, Weizmann Inst.

12:35 L7 USE OF HUMAN EMBRYONAL STEM CELLS FOR CARDIAC TISSUE REPAIR
Lior Gepstein, Technion

13:00 End of Session

13:00-13:05 ISBMB General Assembly - Approval of Financial Report

13:05-13:45

Lunch Break

13:45-14:30 Poster Session / Visit of Professional Exhibition

14:30-16:00 Session C Chair: Yoram Reiter

14:30 L8 MASS SPECTROMETRY AND ITS ROLE IN STRUCTURAL BIOLOGY
Carol Robinson, University of Cambridge , UK

15:10 L9 INFORMATION TRANSDUCTION ALONG PROTEIN ALLOSTERIC COMMUNICATION NETWORKS
Ofer Yifrach, Ben Gurion University

15:35 L10 LIVE IMAGING OF NEW NEURONS IN ADULT BRAINS
Adi Mizrahi, Hebrew University

16:00 End of Session

16:00-16:25 Coffee Break

16:25-17:35 Session D Chair: Shulamit Michaeli

16:25 L11 ANALYZING THE IN VIVO DYNAMICS OF NUCLEAR mRNA TRANSPORT
Yaron Shav-Tal, Bar-Ilan University

16:50 L12 SMALL RNPs: VERSATILE REGULATORS OF GENE EXPRESSION IN VERTEBRATE CELLS
Joan Steitz, Yale University, USA

17:30 Closing of the Meeting and best poster awards

17:35 End of Session

Secretariat

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