

The Annual Meeting of The Israel Society for Biochemistry & Molecular Biology
Wix Auditorium, Weizmann Institute of Science, Thursday, February 4, 2010

Scientific Program

08:15 Registration

09:00-10:45 Session A Chair: **Michael Eisenbach**

09:00 Opening of meeting

09:05 L1 **The Annual Prof. Uriel Littauer Lecture:**
ANTIBIOTICS TARGETING RIBOSOMES
Ada Yonath, Weizmann Institute

09:40 Award of Hestrin Prize

09:45 L2 **Hestrin Prize lecture:**
POST-TRANSCRIPTION REGULATION OF GENE EXPRESSION: A SYSTEMS VIEW
Yitzhak Pilpel, Weizmann Institute

10:10 Award of Teva Prizes

10:15 L3 **Teva Prize Lecture -1**
IGNORING CELL BOUNDARIES – CELL-TO-CELL TRANSFER OF MICRO RNAS
AND SIGNALING PROTEINS
Oded Rechavi, Tel Aviv University

10:30 L4 **Teva Prize Lecture -2**
DIRECTED EVOLUTION OF IN SILICO DESIGNED ENZYMES
Olga Khersonsky, Weizmann Institute

10:45-11:15 **Coffee break**

11:15-12:55 Session B Chair: **Itzhak Fishov**

11:15 L5 VISUALIZING MOLECULAR PROCESSES WITHIN A BACTERIUM
Sigal Ben-Yehuda, Hebrew University

11:40 L6 A NOVEL BACTERIAL UBIQUITYLATION SYSTEM
Gali Prag, Tel Aviv University

12:05 L7 OPTIMALITY IN CARBON METABOLISM
Ron Milo, Weizmann Institute

12:30 L8 ALTERNATIVE THYMIDYLATE SYNTHASE
Amnon Kohen, University of Iowa

12:55-13:10 ISBMB General Assembly

Approval of the financial report, election of new board and comptroller committee

13:10-13:50 **Lunch Break**

13:50-14:35 Poster Session / Visit of Professional Exhibition

14:35-16:20 Session C Chair: **Motti Choder**

- 14:35 L9 COMPLEX TRANSLATION REGULATION IN THE CORTEX AND MEMORY CONSOLIDATION
Kobi Rosenblum, University of Haifa
- 15:00 L10 STRUCTURAL INSIGHT INTO THE CELL ADHESION MACHINERY
Ohad Medalia, Ben Gurion University
- 15:25 L11 MICROFLUIDICS-BASED PLATFORM FOR DE-NOVO CHARACTERIZATION OF
TRANSCRIPTION FACTOR MOTIFS
Doron Gerber, Bar Ilan University
- 15:50 L12 NANOMATERIAL-BASED ELECTRONIC NOSE DEVICES FOR DIAGNOSIS OF DISEASE
Hossam Haick, The Technion
- 16:15 Best poster awards and closing of meeting 16:20 End of the Meeting