

**The Israel Society for Biochemistry & Molecular Biology (ISBMB)  
Annual Meeting 2004**

**April 1<sup>st</sup>, 2004      Tel-Aviv University, Lola Auditorium, Sackler School of Medicine**

**Scientific Program**

08:15-13:00    *Registration*

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**08:50-09:00    Greetings by Nathan Nelson, ISBMB President**

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**09:00-11:55    Session A: Structural biology**

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Chair: **Eitana Padan**, Hebrew University

09:00    L1    ANTIBIOTICS TARGETING THE RIBOSOME: STRUCTURAL BASIS OF THE ANTIBIOTIC RIBOSOME INTERACTION

**Tamar Auerbach, Ada Yonath et al**, Weizmann Institute

09:35    L2    GENERATING DISULFIDES OUT OF THIN AIR: THIOL OXIDASES OF THE ENDOPLASMIC RETICULUM

**Einav Gross, Deborah Fass**, Weizmann Institute

10:10-10:40                    *Coffee Break*

10:40    L3    CHRYSTAL STRUCTURE OF PLANT PHOTOSYSTEM I

**Adam Ben-Shem, Felix Frolow, Nathan Nelson**, Tel Aviv University

11:15    L4    THE PASSION OF THE PERMEASE

**Ronald Kaback**, University of California, LA, USA

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**11:55-12:15    ISBMB General Assembly and elections**

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12:15-13:15                    *Lunch Break*

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**13:15-14:15    Poster Session / Visit professional exhibition**

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**14:15- 15:00    Session B: Hestrin and Teva Prize Session**

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Chair: **Nathan Nelson**, Tel Aviv University

14:15                    Announcement of Hestrin and Teva prize winners

14:20                    Lecture by winner of **Hestrin Prize** for best young scientist

14:40                    Lecture by winner of **Teva Prize** for best PhD student

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**15:00-17:50    Session C: Membrane targeting folding & degradation**

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Chair: **Eitan Bibi**, Weizmann Institute

15:00    L5    FROM THE IMMUNE SYSTEM TO YEAST AND BACK: RETENTION AND DEGRADATION OF PROTEINS IN THE SECRETORY PATHWAY

**Shoshana Bar-Nun**, Tel Aviv University

15:35-15:55                    *Coffee Break*

15:55    L6    THE PROTEASOME AND THE DELICATE BALANCE BETWEEN DEUBIQUITINATION & PROTEOLYSIS

**Michael Glickman**, The Technion

16:30    L7    STRATEGIES OF E. COLI TO TARGET PROTEINS TO ITS CYTOPLASMIC MEMBRANE

**Matthias Mueller et al**, Freiburg University, Germany

17:05    L8    DUAL TARGETING OF SINGLE TRANSLATION PRODUCTS: IS PROTEIN FOLDING THE DRIVING FORCE?

**Sharon Karniely, Ophry Pines et al**, Hebrew University

17:40-17:50    Announcement of prize winners for best poster and for student participation