

Israel Society for Biochemistry & Molecular Biology (ISBMB)

2003 Annual Meeting

Sunday, 13 April, 2003

Tel-Aviv University, Lola Auditorium - Sackler School of Medicine

Scientific Program

08:15-13:00

Registration

08:50-09:00

Greetings by Nathan Nelson, ISBMB president

09:00-12:30

**Session A: At the Crossroads of General Stress Responses
and the DNA Damage Response**

Chair: Yossi Shiloh, Tel Aviv University

09:00-09:30

REGULATION OF P53 ACTIVITY: IMPLICATIONS FOR CANCER
Moshe Oren, Weizmann Institute of Science

09:30-10:00

HOW DO YOU HEAL A BROKEN CHROMOSOME
Martin Kupiec, Tel Aviv University

10:00-10:30

Coffee Break

10:30-11:00

DOWNSTREAM AND UPSTREAM OF ATM-MEDIATED RESPONSE
TO DNA DAMAGE
Yossi Shiloh, Tel Aviv University

11:00-11:30

IF YOU CAN'T REPAIR THEM, TOLERATE THEM: REPLICATION
ACROSS DNA LESION BY MUTAGENIC DNA POLYMERASES
Zvi Livneh, Weizmann Institute of Science

11:30-12:00

SIGNALING VIA THE UBIQUITIN –PROTEASOME PATHWAY:
LESSONS FROM THE NF- κ B AND THE WNT ACTIVATION PATHWAYS
Yinon Ben-Neriah, Hebrew University of Jerusalem

12:00-12:30

THE HUMAN ACETYLCHOLINESTERASE LOCUS AS A WINDOW TO
GENOTOXIC STRESS
Hermona Soreq, Hebrew University of Jerusalem

12:30-13:30

lunch Break

13:30-14:30

Poster session / Visit professional exhibition

14:30-16:00 Session B: From Genome to Proteome

Chair: Doron Lancet, Weizmann Institute of Science

14:30-15:00 NATIVELY UNSTRUCTURED PROTEINS: A CASE STUDY OF
CHOLINESTERASE-LIKE ADHESION MOLECULES (CLAMS)
Joel Sussman, Weizmann Institute of Science

15:00-15:30 DETECTION OF REGULATORY CIRCUITS BASED ON GENOMIC
AND PROTEOMIC DATA
Hanah Margalit, Hebrew University of Jerusalem

15:30-16:00 AUTOMATIC IDENTIFICATION OF FUNCTIONAL REGIONS IN
PROTEINS
Nir Ben-Tal, Tel Aviv University

16:00-16:30 Coffee Break

16:30-17:30 Session C: UNESCO Sponsored Session on Proteomics and Human Diseases

Chair: Doron Lancet, Weizmann Institute of Science
Co-Chair: Howard Riezman, University of Geneva

16:30-17:00 PROTEOMICS BASED IDENTIFICATION OF TUMOR ANTIGENS
Arie Admon, Technion

17:00-17:30 FUNCTIONAL PROTEOMICS-BASED TARGET VALIDATION FOR
DRUG DISCOVERY
Donny Strosberg, Hybrigenics, Paris, France

17:30-18:25 Session D: Hestrin and TEVA Prize winners' session

Chair: Nathan Nelson, Tel-Aviv University

17:30-17:45 Announcement of Hestrin and TEVA Prize winners

17:45-18:05 **Hestrin Prize Lecture:**
THE G PROTEIN COUPLED POTASSIUM CHANNEL, MECHANISMS
OF GATING AND PERMEATION
Eitan Reuveny, Weizmann Institute of Science

18:05-18:25 **Teva Prize Lecture:**
TEACHING "AN OLD SWITCH" NEW TRICKS: G-PROTEINS IN 4D
Mickey Kosloff, Hebrew University of Jerusalem

18:25-19:00 **ISBMB general assembly** and announcement of Israel Proteomics
Association establishment within the frame of ISBMB

Posters

The best poster will win a prize of NIS 500

Please note: Only abstracts of paying members will be transmitted to the scientific committee.

Registration

It is recommended to pay the 2003 annual fees in advance to facilitate procedures upon arrival at the Meeting. **Importantly: Lunch will be served only to pre-paid participants!**

Executive and Organising Committee

President: Prof. Nathan Nelson nelson@post.tau.ac.il

Secretary: Prof. Ilana Lotan ilotan@post.tau.ac.il

Comptrollers: Prof. Azem Abdussalam azem @post.tau.ac.il
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Programme Committee

Prof. Yossi Shiloh, Tel-Aviv University
Prof. Doron Lancet, Weizmann Institute of Science
Prof. Nathan Nelson, Tel-Aviv University