

# The Israel Society for Biochemistry & Molecular Biology (ISBMB)

## The 2012 Annual Meeting

Tel Aviv University, Lola Hall, Sackler School of Medicine  
Wednesday, October 10th , 2012

### Scientific Program

08:30 Registration

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**09:00-10:40 Session A** Chair: **Eran Meshorer**

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09:00 Opening of the Meeting

09:05 L1 REGULATION OF ATP-DEPENDENT CHROMATIN REMODELING  
**Brad Cairns**, University of Utah, USA

09:45 ***The Annual Lecture in memory of the late Prof. Uriel Littauer***

09: 45 **Presentation: Shulamit Michaeli**, ISBMB President  
The late Prof. **Uriel Littauer**

09:50 L2 PROGRAMMING DNA METHYLATION DURING DEVELOPMENT  
**Howard Cedar**, Hebrew University

10:15 L3 TISSUE REMODELING: FROM BIOPHYSICS TO DRUG DESIGN  
**Irit Sagi**, Weizmann Institute

**10:40-11:10 Coffee Break**

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**11:10-12:25 Session B** Chair: **Jacob Hanna**

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11:10 L4 ON THE RELATION BETWEEN PROTEIN ALLOSTERIC MECHANISMS AND MENDELIAN  
GENETIC DISEASES  
**Ofer Yifrach**, Ben Gurion University

11:35 L5 REGULATION OF CELLULAR CALCIUM HOMEOSTASIS BY SARAF  
**Eitan Reuveny**, Weizmann Institute

12:00 **Hestrin Prize awards and lectures:**

12:05 L6A CHROMATIN PLASTICITY IN PLURIPOTENT EMBRYONIC STEM CELLS  
**Eran Meshorer**, Hebrew University

12:15 L6B **Tal Pupko**, Tel Aviv University  
COMPUTATIONAL MODELING AND EXPERIMENTAL VALIDATION OF THE LEGIONELLA  
AND COXIELLA VIRULENCE-RELATED TYPE IVB SECRETION SIGNAL

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12:25-12:35 **ISBMB General Assembly** - Approval of Financial Report

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**12:35-13:20 Lunch**

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13:20-14:05 **Poster Session / Visit Professional Exhibition**

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**14:05-15:35 Session C** Chair: **Tami Geiger**

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- 14:05 L7 HIGH-RESOLUTION MASS SPECTROMETRY FOR CLOSE TO COMPLETE PROTEOME COVERAGE: TECHNOLOGIES AND APPLICATIONS  
**Matthias Mann**, Max-Planck Institute, Germany
- 14:45 L8 NON-CODING RNA MODULATES E2F1-MEDIATED PROLIFERATION AND TUMOR DEVELOPMENT  
**Doron Ginsberg**, Bar Ilan University
- 15:10 L9 TELOMERE LENGTH HOMEOSTASIS: VERTICAL AND HORIZONTAL VIEWS  
**Martin Kupiec**, Tel Aviv University

**15:35-15:50** *Coffee Break*

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**15:50-16:50 Session D** Chair: **Shoshy Altuvia**

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- 15:50 L10 MOLECULAR MECHANISM FOR BACTERIAL ROBUSTNESS  
**Sigal Ben Yehuda**, Hebrew University
- 16:15 L11 MICROBIAL EVOLUTION WITHIN HUMAN HOST  
**Roy Kishony**, Systems Biology Department, Harvard Medical School USA and Visiting Professor, Technion IL
- 16:40 **Best poster awards** (1<sup>st</sup> Prize: IPAD2  
2<sup>nd</sup> and 3<sup>rd</sup> Prizes: Laser pointer / Remote control for presentation)
- 16:45 Closing of the Meeting

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**16:50-17:50 \*Special Workshop** Chair: **Maya Schuldiner**

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"TO BE - OR NOT TO BE (A POSTDOC) - THE BIG QUESTION".  
How to decide and tips for finding a suitable lab.

\* **Pre-registration** is required by sending an email to: [maya.schuldiner@weizmann.ac.il](mailto:maya.schuldiner@weizmann.ac.il)

The Meeting is free of charge to ISBMB members.

Further details: [www.tau.ac.il/lifesci/isbmb](http://www.tau.ac.il/lifesci/isbmb)

**This meeting is co-sponsored by:**

**The International Academic Friends of Israel (IAFI), Tel Aviv University, and  
The Joan and Jaime Constantiner Institute for Molecular Genetics.**