



אוניברסיטת תל-אביב

TEL AVIV UNIVERSITY



2014

פרס בינלאומי בביופיזיקה  
ע"ש ריימונד ובברלי סאקלר

16 בדצמבר, 2014

2014

The Raymond and Beverly Sackler  
International Prize in Biophysics

December 16, 2014

אודיטוריום זאבי, בית התפוצות  
קמפוס אוניברסיטת תל-אביב

Zeevi Auditorium, Beit Hatfutsot  
Tel Aviv University Campus



Takes pleasure in inviting you to  
the ceremony of

## **The Raymond & Beverly Sackler International Prize in Biophysics**

and to

## **The Sackler Biophysics Symposium on: *Physical Principles of Biological Systems***

Tel Aviv University, Tuesday, December 16, 2014

09:00 **Gathering and Coffee**

09:30 **Opening & introductory remarks**

Chair: **Haim Diamant**, Tel Aviv University

09:40 **Tom Shemesh**, Technion Israel Institute  
of Technology

*Polarity & chirality: force driven self-organization  
of the actin cytoskeleton*

10:10 **Roy Beck-Barkai**, Tel Aviv University  
*Metastability, a fresh look on an old problem:  
predetermined and temporally-controlled super  
cooling in lipid-based particles*

10:40 **Sam Safran**, Weizmann Institute of Science  
*Elastic regulation of structural disorder and  
beating strain of heart muscle cells*

11:10 **Coffee break**

Chair: **Yael Roichman**, Tel Aviv University

11:30 **David Sprinzak**, Tel Aviv University  
*Juxtacrine signaling is inherently noisy*

12:00 **Nathalie Q. Balaban**, The Hebrew University  
of Jerusalem  
*Quantitative understanding of growth variability  
in single cells*

12:30 **Lunch**

14:30 **Prize Ceremony**

**Awarding the Sackler Biophysics Prize for 2014**

**Howard C. Berg**, Harvard University  
**George Oster**, University of California  
at Berkeley

**Opening of the Ceremony**

**David Andelman**, Tel Aviv University  
**Yoav I. Henis**, Vice President for Research  
and Development

**Introduction of the Laureates**

**Michael Kozlov**, Tel Aviv University  
**Michael Urbakh**, Tel Aviv University

15:00 **Howard C. Berg**, Harvard University  
*Wonders of bacterial motility*

16:00 **George Oster**, University of California  
at Berkeley  
*Models: when to hold'em and when to fold'em*

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Please confirm your participation by e-mail to  
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