



## The Raymond & Beverly Sackler International Prize in Biophysics

# The Sackler Biophysics Symposium on: “*Physics of Biomolecular Interactions*”

Monday, April 26, 2010  
Melamed Auditorium,  
Shenkar building

- 08:45 Gathering
- 9:00–9:15 Opening remarks  
**Dany Leviatan**, Rector, Tel Aviv University  
**Michael Urbakh**, School of Chemistry, Tel Aviv University
- 9:15–9:50 **Paul Janmey**, University of Pennsylvania  
*Nonlinear elastic materials to direct cell growth*
- 9:50–10:25 **Ariel Kaplan**, University of California, Berkeley  
*The virtues of promiscuity: How a molecular motor contacts its substrate*
- 10:25–10:50 coffee break
- 10:50–11:25 **Roy Beck**, University of California, Santa Barbara  
*“Smart” bio-gel within neurons*
- 11:25–12:00 **Gali Prag**, Tel Aviv University  
*Decoding the ubiquitin signal*
- 12:00–13:30 Lunch – Gan Hadekalim
- 13:30–14:00 **Prize Ceremony**  
Awarding the Sackler Biophysics Prize for 2010 to:  
**Gerhard Hummer**, National Institutes of Health, USA  
**Yigong Shi**, Tsinghua University, Beijing, China  
Opening  
**Joseph Klafter**, President, Tel Aviv University  
Introduction of the Laureates  
**David Andelman**, School of Physics and Astronomy, Tel Aviv University  
**Michael Kozlov**, Faculty of Medicine, Tel Aviv University
- 14:15–15:30 **Gerhard Hummer**, National Institutes of Health, USA  
*Water in protein function: from nanopores to proton pumps*
- 15:30–16:15 **Yigong Shi**, School of Life Sciences, Tsinghua University, Beijing, China  
*Mechanisms of programmed cell death through structural biology*
- 16:15–17:00 **Daniel Harries**, The Hebrew University, Jerusalem  
*Effect of confinement of self assembly: granular materials to viruses*



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