



אוניברסיטת תל-אביב

TEL AVIV UNIVERSITY



פרס בינלאומי בביופיזיקה
ע"ש ריימונד ובברלי סאקלר

2010
26 באפריל 2010

The Raymond and Beverly Sackler
International Prize in Biophysics

2010
April 26, 2010

אולם מלמד, בניין שנקר
אוניברסיטת תל-אביב

Melamed Auditorium, Shenkar building
Tel Aviv University



takes pleasure in inviting you to the

The Raymond & Beverly Sackler International Prize in Biophysics

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

Tel Aviv University, Monday, April 26, 2010

- 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*