

A Symposium in Honor of the 80th Birthday of Prof. Israel Pecht

Molecular Recognition, Signaling and Function

June 29th, 2017

The David Lopatie
Conference Centre

Weizmann Institute
of Science

Program

08:30-09:00 Registration

09:00-09:15 - OPENING SESSION

Daniel Zajfman, President, Weizmann Institute of Science, Rehovot, Israel
Michael Sela, Weizmann Institute of Science, Rehovot, Israel

09:15 -10:50 - SESSION 1

Chairs: **Ulrich Kubitscheck**, University of Bonn, Bonn, Germany
Miguel de la Rosa, University of Seville, Seville, Spain

09:20 **Harry Gray**, California Institute of Technology, California, USA
Living with Oxygen

09:50 **Daniella Goldfarb**, Weizmann Institute of Science, Rehovot, Israel
The electron transfer mediating copper site in azurin - spectroscopic digging into its unique electronic structure

10:20 **David Cahen**, Weizmann Institute of Science, Rehovot, Israel
Proteins for Bioelectronics

10:50-11:20 Coffee break

11:20 -12:55 - SESSION 2

Chairs: **Moshe Yaniv**, Institut Pasteur, Paris, France
Thomas Jovin, Max Planck Institute for Biophysical Chemistry, Goettingen, Germany

11:25 **Ronit Sagi-Eisenberg**, Tel Aviv University, Tel Aviv, Israel
Revealing the secrets of mast cell secretion

11:55 **Marc Daeron**, Institut Pasteur, Paris, France
Negative trans-signaling in mast cells and basophils

12:25 **Christian Griesinger**, MPI for Biophysical Chemistry, Goettingen, Germany
Intrinsic disorder studied by NMR: phase separation in immunity and neurodegeneration

12:55-14:00 Lunch

14:00-15:40 - SESSION 3

Chairs: **Laszlo Fesus**, University of Debrecen, Debrecen, Hungary
Peter Kroneck, University of Konstanz, Konstanz, Germany

14:05 **Alexander Levitzki**, Hebrew University, Jerusalem, Israel
Targeting the immune system to tumours

14:35 **Maurizio Brunori**, La Sapienza University, Rome, Italy
Protein frustration between folding and function

15:05-15:40 - SESSION 4

Chair: **Ruth Arnon**, Weizmann Institute of Science, Rehovot, Israel

15:10 **Helga Nowotny**, ERA Council Forum, Vienna, Austria
Navigating uncertainty: the usefulness of useless knowledge

15:40-16:00 Coffee break

16:00-18:00 - SESSION 5

Chairs: **Anna Erdei**, Eötvös Loránd University, Budapest, Hungary
V. Horejsi, Institute of Molecular Genetics, Czech Academy of Sciences, Prague, Czech Republic

16:05 **Michael Reth**, University of Freiburg, Freiburg, Germany
The Nanoworld of the B cell membrane

16:35 **Klaus Rajewsky**, Max Delbrück Center, Berlin, Germany
Antibody forming cells, Epstein-Barr-Virus driven and gene therapy

17:05 **Mark Davis**, Stanford University, California, USA
From T cell recognition to Systems Immunology and back again

17:35 Closing: **Ruth Arnon**, Weizmann Institute of Science, Rehovot, Israel

Organizers

Jakub Abramson, Weizmann Institute of Science, Rehovot, Israel
Ruth Arnon, Weizmann Institute of Science, Rehovot, Israel
Doron Lancet, Weizmann Institute of Science, Rehovot, Israel
Mudi Sheves, Weizmann Institute of Science, Rehovot, Israel

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CONFERENCE COORDINATOR AND ACCESSABILITY ISSUES

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PROGRAM

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