

Chemical Biology and Biomedical Science

ICS Symposium in Honor of the 2014 Wolf Prize Laureate, Chi-Huey Wong

June 2th, 2014



Technion – Israel Institute of Technology Schulich Faculty of Chemistry, Hall 1

08:30-09:00 **Gathering and Registration**

09:00-09:20 **Opening session**

Prof. Ehud Keinan, President, The Israel Chemical Society, Technion

Prof. Peretz Lavie, President, Technion – Israel Institute of Technology

Prof. Alon Hoffman, Dean, Schulich Faculty of Chemistry, Technion

Session 1

Chair: Prof. Ehud Keinan, President, The Israel Chemical Society, Technion

09:20

Prof. Richard A. Lerner, The Scripps Research Institute, La Jolla, California, USA

Selecting Antibodies from Intracellular Combinatorial Libraries that Regulate Cell Fate

10:00

Dr. Michael Chang, OBI Pharma, Inc., Taipei, Taiwan

OBI-822, GloboH antigen based active immunotherapy agent

10:30

Dr. Jim Lalonde, Codexis, Inc. Redwood City, California, USA

Directed Evolution of Efficient Enzymes for Pharmaceutical Synthesis

11:00-11:30

Coffee Break

Session 2

Chair: Prof. Amnon Albeck, Bar Ilan University

11:30

Prof. Itamar Willner, Hebrew University of Jerusalem

Switchable DNA Nanostructures: From Principles to Applications

12:00

Prof. Timor Baasov, Technion – Israel Institute of Technology

To Fix Nature's Mistakes: Repairing Human Faulty Genes by Designed Aminoglycosides

12:30

Dr. Jane Hsiao CTO, Opko Health, Inc., Miami, Florida, USA

OPKO's strategy in building product pipeline

13:00-14:00

Lunch Break

Session 3

Chair: Prof. Michael Meijler, Ben-Gurion University

14:00

Prof. Yuval Shoham, Technion – Israel Institute of Technology

Structure, Function and Design of Glycoside Hydrolases

14:30

Prof. Ashraf Brik, Ben-Gurion University of the Negev

Chemical Biology with Deubiquitinases

15:00

Prof. Micha Fridman, Tel Aviv University

Disruption of Bacterial and Mammalian Cell Membranes as a Drug Development Strategy

15:30

Prof. Israel Vlodavsky, Tel Aviv University

Heparanase: From Basic Research to Therapeutic Applications

16:00 – 16:30 **Coffee Break**

Session 4

Chair: Prof. Richard A. Lerner, TSIR, La Jolla, California, USA

16:30

Prof. Chi-Huey Wong, President, Academia Sinica, Taipei, Taiwan

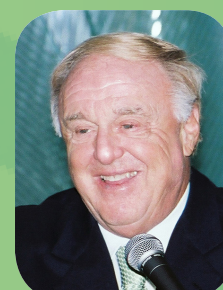
Carbohydrate Chemistry and Biology: Development of Universal Vaccines against Influenza and Cancer

17:30

Concluding remarks



Chi-Huey Wong



Richard A. Lerner



Michael Chang



Jim Lalonde



Itamar Willner



Timor Baasov



Jane Hsiao



Yuval Shoham



Ashraf Brik



Micha Fridman



Israel Vlodavsky



Organizers:

Prof. Ehud Keinan, ICS President, Technion
Prof. Timor Baasov, Technion

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