

The D. Dan and Betty Kahn

Weizmann Institute of Science - University of Michigan - Technion

Partnership Conference on

BIOMEDICAL AND BIOENGINEERING RESEARCH

JANUARY 25-29, 2015

The David Lopatie Conference Centre, Weizmann Institute of Science, Rehovot, Israel

► SUNDAY, JANUARY 25

Administrative/leadership meetings

19:00-21:30

Welcome Reception hosted by

Prof. Israel Bar-Joseph, Vice President for
Resource Development,
The David Lopatie Conference Centre,
Weizmann Institute of Science

► MONDAY, JANUARY 26

08:45 **Coffee and Gathering**

09:00 Welcome Address - Zvi Livneh, David
Pinsky, Michael Aviram

09:30-11:50

Plenary lectures

09:30 **Shulamit Levenberg**, Technion
Stem Cell Tissue Engineering

10:00 **Joerg Lahann**, UM
Personalized Medical Technologies

10:30 **Coffee Break**

10:50 **Jose Jalife**, UM
*Mechanisms of life-threatening cardiac
arrhythmias*

11:20 **Yakub Hanna**, WIS
*Mechanisms of reprogramming and
pluripotency*

11:50 **Lunch Break**

13:00-15:30

Parallel round table discussions

13:00 **Topic I: Cardiovascular Disorders**
Chairs: *Izhak Kehat, Technion*
Jerome Kalifa, UM
Kimmel Auditorium, The David Lopatie
Conference Centre

13:00 **Topic II: Metabolic Disorders**
Chairs: *Dan Tawfik, WIS*
Anna Schwendeman, UM
Presidential Reception Room,
The David Lopatie Conference Centre

13:00 **Topic III: Robotics and Biomaterials
in Medicine**

Chairs: *Moshe Shoham, Technion*
Cynthia Chestek, UM
Grossman Hall, The David Lopatie
Conference Centre

19:00-21:30

Dinner at the Weisgal House hosted by
Prof. Daniel Zajfman, President of the
Weizmann Institute of Science
(by invitation)

► TUESDAY, JANUARY 27

08:45 **Coffee and Gathering**

09:00-12:20

Plenary lectures

09:00 **David Sherman**, UM
*Biosynthesis of natural products
from microbes*

09:30 **Mordechai Choder**, Technion
*"Processomics"- from distinct processes
to a whole-cell view*

10:00 **Coffee Break**

10:20 **Shalev Itzkovitz**, WIS
Systems Biology of Mammalian Tissues

10:50 **Yehuda Assaraf**, Technion
*Lysosomes as a druggable target in
cancer: Lysosomal sequestration of
chemotherapeutics triggers lysosomal
biogenesis and multidrug resistance*

11:20 **Eran Elinav**, WIS
Microbiota and metabolic homeostasis

11:50 **Jeffrey Platt**, UM
Lessons from transplantation

12:20 **Announcement of Grant awards**,
David Pinsky

12:30 **Lunch Break**

13:20-15:30

Parallel round table discussions

13:20 **Topic IV: Immunopathologies**

Chairs: *Irun Cohen, WIS*
Maria Cascalho, UM

Kimmel Auditorium,
The David Lopatie Conference Centre

13:20 **Topic V: Neuropathologies**

Chairs: *Orly Reiner, WIS*
Bill Dauer, UM

Presidential Reception Room,
The David Lopatie Conference Centre

13:20 **Topic VI: Stem cells and
Development**

Chairs: *Ofer Binah, Technion*
Dan Michele, UM

Grossman Hall, The David Lopatie
Conference Centre

17:30-22:00

Jaffa tour

19:30 Dinner at Otzarin House,
1 Simtat Mazal Dagim St, Old Jaffa

► WEDNESDAY, JANUARY 28

08:30-23:00

Ramon Crater Tour

08:30 Departure to Ramon Crater

11:00 Tour at the Ramon Crater,
including lunch & dinner

21:00 Departure to Rehovot

► THURSDAY, JANUARY 29

Administrative/leadership meetings

09:00-17:00

Trips in Israel or - Lab visits at the Technion

ORGANIZING COMMITTEE

Eran Hornstein
Steffen Jung
Zvi Livneh

CONFERENCE SECRETARY

Bracha Ragen

CONFERENCE COORDINATOR

Reut Hershenhoren

www.weizmann.ac.il/conferences/BBR2015



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