



מכון ויצמן למדע  
WEIZMANN INSTITUTE OF SCIENCE

# Program



## Translational Plant Biology

A symposium in honor of  
**Jonathan Gressel**  
on his 80<sup>th</sup> birthday

October 27<sup>th</sup> 2016

The David Lopatie Conference Centre  
Weizmann Institute of Science

## Opening

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08:20 Tea & Coffee

08.50 Welcome & Opening remarks  
Zvi Livneh, Evgenia Dor, Marvin Edelman

## Session 1

Chair: Avi Levy

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09:10 **David Sands** (MSU, USA)  
Leveraging amino acid regulation for plant health and human nutrition

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09:40 **Steve Duke** (ARS, USA)  
Plant biotechnology and weed management

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10:10 **Paul Christou** (UdL, Spain)  
Redesigning plant cells for synthetic biology applications

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10.40 Tea & Coffee

## Session 2

Chair: Moshe Feldman

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11:10 **Maor Bar-Peled** (UGA, USA)  
Activated sugars in microbe-host interaction, biofilm, glycan formation and biofuels

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11:40 **Barbara Mazur** (DuPont Pioneer, USA)  
Use of CRISPR-Cas technologies to create waxy corn

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12:10 **Aviah Zilberstein** (TAU, IL)  
Forward genetics for identifying novel genes involved in abiotic stress signaling

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12:30 **Victor Gaba** (ARO, IL)  
From field to bench and back again: Potato virus Y in Israel

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12:50 Lunch

### Session 3

Chair: Marvin Edelman

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14:00 **Benjamin Horwitz** (IIT, IL)  
The quest for Trichoderma cryptochrome: 32 years later

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14:20 **Efraim Lewinsohn** (ARO, IL)  
Awakening silent metabolism improves flower and fruit aroma

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14:40 **Jonathan Gressel** (WIS, IL)  
Desire to inspire before you expire

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15:00 Beer, Tea & Coffee

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## Round Table: From Bench to Field

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15:45-17:00 **Moderator:** Barbara Mazur



**Barbara Mazur**

PhD (Rockefeller), Vice President for Technology Acquisition Strategy, DuPont Pioneer, USA



**Yoseph Shaaltiel**

PhD (WIS), Founded Protalix, Executive Vice President for Research & Development at Protalix BioTherapeutics, IL



**Eyal Emmanuel**

PhD (WIS), Chief Science Officer and Head of R&D Crop Protection at Evogene, IL



**Ofra Chen**

PhD (WIS), A Scientific Founder and Vice President for Research & Development at TransAlgae, IL



**Ron Salpeter**

LL.M. (Osaka U), LL.B.(TAU), A Founder and Chief Executive Officer at HinoMan, IL



**Avichai Perl**

PhD (WIS), Chief Scientist of the Ministry of Agriculture & Rural Development, IL



**Gil Granot-Mayer**

MBA, LL.B. (TAU), Chief Executive Officer, YEDA

with the participation of:

**David Sands, Steve Duke, Paul Christou**



## **Sponsor**

Chorafas Institute for Scientific  
Exchange Registration

## **Organizing Committee**

Marvin Edelman, WIS

Sagit Meir, WIS

Efraim Lewinsohn, WIS

Ziva Amsellem, WIS

Avi Levy, WIS

Yuval Eshed, WIS

## **Conference Coordinator & Accessibility Issues**

Irit Veksler

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## **Registration**

<http://tiny.cc/translational>

