

# AgriIsrael

The Land of Knowledge & Innovation

Food, Agriculture and Livelihoods week  
20-22 February 2022

**ISRAEL**  
Tomorrow • نحو الغد • אל המחר



Day 1

# Food for All

Sunday, February 20

09:00 – 09:30 **Gathering & Registration**

09:30 – 10:00 **Welcome Greetings & Opening Remarks**

*Adv. Ms. Naama Kaufman-Pess, the Director General of the Ministry of Agriculture  
Prof. Vinnie Altstein, Volcani Institute (ARO)*

## Opening

### Session No. 1

**Video Clip: Food Safety and Security**

10:00 – 10:30

**Keynote Lecture: The Aquaculture Revolution**

*Prof. Dan Shechtman, Distinguished Professor Emeritus & Nobel Laureate,  
Technion - Israel Institute of Technology.*

10:30 – 11:00

**Fireside Chat**

*Ms. Ofra Strauss Chairperson of the Israel-America Chamber of Commerce  
& a leader in the field of food technology with Dr. Michal Levy Chief Scientist,  
Ministry of Agriculture.*

11:00 – 11:30

**Coffee Break**

## Academic Innovations

### Session No. 2

11:30 – 12:30

**Short Form Talks**

■ **Development of Novel Food Preservatives  
and Bioactive Food Packaging**

*Dr. Zvi Hayouka. Institute of Biochemistry, the Robert H. Smith Faculty  
of Agriculture, Food and Environment, The Hebrew University of Jerusalem*

■ **Protection of Food Crops from Devastating Diseases: A Basis for  
Increased Food Security and Environmental Safety**

*Prof. Tzion Fahima. Institute of Evolution and the Department  
of Evolutionary and Environmental Biology, University of Haifa*

■ **Where Light and Matter Meet**

*Prof. Haim Rabinowitch, Emeritus. the Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem*

■ **From Tissue Engineering to Cultured Meat**

*Prof. Shulamit Levenberg. Faculty of Biomedical Engineering, Technion - Israel Institute of Technology*

12:30 – 13:15      **Lunch Break**

..... **Commercial Innovations** .....

**Session No. 3**

13:15 – 14:00      **Company Pitches:**

- *Equinom, Mr. Gil Shalev, CEO*
- *BioBee, Dr. Shimon Steinberg, CEO*
- *Hargol, Mr. Dror Tamir, CEO*

14:00 – 14:30      **Coffee Break**

..... **Closing** .....

**Session No. 4**

14:30 – 15:00      **Keynote Lecture: The Future of Food**

*Dr. Erel Margalit, Founder and Executive Chairman of Jerusalem Venture Partners (JVP)*

15:00      **Closing Remarks**

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Day 2

# Innovative Agriculture in the Climate Changing Era

Monday, February 21

09:00 – 09:30 Gathering & Registration

09:30 – 09:40 Welcome Greetings & Opening Remarks  
*Dr. Michal Levy, Chief Scientist, Ministry of Agriculture*

## Opening

Session No. 1

Video Clip: Blooming the Desert

09:40 – 10:10 Keynote Lecture: Climate Change in the Mediterranean Region and Beyond: Implications For the Water-Energy-Food Nexus  
*Prof. Yoav Yair, Dean, School of Sustainability, Interdisciplinary Center (IDC) Herzliya*

10:10 – 10:40 Fireside Chat  
The Potential of Drylands Forestation in Mitigating Global Warming and Desertification  
*Prof. Dan Yakir, Department of Earth & Planetary Sciences, the Weizmann Institute of Science with Prof. Vinnie Altstein, Volcani Institute (ARO)*

10:40 – 11:10 Coffee Break

## Academic Innovations

Session No. 2

11:10 – 12:10 Short Form Talks

■ **Growing Arid land Crops with Constrained Water –Technologies for Increasing Water Use Efficiency**

*Dr. Shabtai Cohen, Department of Environmental Physics and Irrigation, Institute of Soil, Water and Environmental Sciences, Volcani Institute (ARO)*

■ **Optimization of Crop-Plants Water Use Efficiency Under Drought Stress**

*Prof. Menachem Moshelion, The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem*

■ ***Soil Degradation and Climate Change: Where Conservation Agriculture Can Be a Game-Changer***

*Dr. Gil Eshel, Head, CASH Research Lab, Soil Erosion Research Station, Ministry of Agriculture & Rural Development*

■ ***Promoting Global Food Security From the Desert***

*Prof. Daniel Chamovitz, President, Ben-Gurion University of the Negev*

12:10 – 13:00

Lunch Break

..... **Commercial Innovations** .....

**Session No. 3**

13:00 – 14:00

Company Pitches:

- ***Netafim***, Mr. Ran Meidan, CEO
- ***Salicrop***, Mr. Dotan Bernstein, CEO
- ***BeeHero***, Mr. Omer Davidi, CEO
- ***CropX***, Mr. Tomer Tzach, CEO

14:00 – 14:30

Coffee Break

..... **Closing** .....

**Session No. 4**

14:30 – 15:00

**Keynote Lecture: Israeli Agricultural Innovation**

*Dr. Nitza Kardish, CEO of Trendlines Agtech*

15:00

Closing Remarks

Day 3

# Innovative Agriculture: Frontier Technologies

Tuesday, February 22

09:00 – 09:30 Gathering & Registration

09:30 – 09:40 Welcome Greetings & Opening Remarks  
*Dr. Michal Levy, Chief Scientist, Ministry of Agriculture*  
*Prof. Vinnie Altstein, Volcani Institute (ARO)*

## Opening

Session No. 1

Video Clip: Future Ag-Tech: Non Science Fiction

09:40 – 10:10 Keynote Lecture: TBD  
*Prof. Eugene Kandel, CEO, Start-Up Nation Central.*

10:10 – 10:40 Fireside Chat  
*Mr. Daniel Samuel Senor, an American-Canadian columnist, the co-author of the book Start-up Nation: The Story of Israel's Economic Miracle and TBD*

10:40 – 11:10 Coffee Break

## Academic Innovations

Session No. 2

11:10 – 12:10 Short Form Talks

■ **New Frontiers in Agricultural Robotics Research**

*Prof. Avital Becher, Head, Institute of Agricultural Engineering,  
Volcani Institute (ARO)*

■ **Precision Agriculture from Space: The New Era**

*Prof. Eyal Ben Dor, Porter School for Environmental and Earth Science  
Studies, Faculty of Exact Science, Tel Aviv University*

■ **How Optical Sensing Helps Agriculture**

*Prof. Raphael Linker, Division of Environmental, Water and Agricultural Engineering, Faculty of Civil and Environmental Engineering, Technion - Israel Institute of Technology*

■ **Nanotechnology Applications in Agriculture**

*Prof. Yuval Garini, Physics Department & Institute of Nanotechnology, Bar Ilan University*

12:10 – 13:00 **Lunch Break**

..... **Commercial Innovations** .....

**Session No. 3**

13:00 – 14:00 **Company Pitches:**

- *Taranis, Mr. Ofir Shalem, CEO*
- *Tevel Aerobotics Technologies, Mr. Yaniv Maor, CEO*
- *Manna Irrigation. Mr. Eyal Mor, CEO*
- *BTg, Dr. Gidi Shani, Scientific Director*

14:00 – 14:30 **Coffee Break**

..... **Closing** .....

**Session No. 4**

14:30 – 15:00 **Keynote Lecture: The Plant Age - Materials for the Future**

*Prof. Oded Shoseyov, The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem*

15:00 **Closing Remarks**

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