

**9:30 to 11:30 - Morning Session****Food Institutes - The Engine Behind the Global Food-Tech Revolution**

Hosted by the Israeli National Food Institute.

**General:** A professional meeting and "round table" discussions of the world leading food institutes teams.**Opening Remarks:** David Zigdon CEO, MIGAL Galilee Research Institute**The Israel National Food Institutes - Vision and Goals****Mr. Guy Tovy**, ProSolv Technologies, CEO (designate) Israeli National Food Institute**Fraunhofer Center for Secure Intelligent Systems - LZSiS****Liran Sahar**, Food-Security Liaison and Representative of Fraunhofer Agriculture and Food Industry Alliance in Israel**Special Guest Speaker:****Dr. B William R. Aimutis Ph.D.**

Executive Director, NC Food Innovation Lab

**Panel:** Food Institutes and The Future of Food Security**Moderator:****Mr. Guy Tovy**, ProSolv Technologies, CEO (designate) Israeli National Food Institute**Dr. Ofir Benjamin**, Senior Lecturer and Researcher - Food Science Department Tel Hai College  
CTO (designate) Israeli National Food Institute**Participants:****Dr. B William R. Aimutis Ph.D.**, Executive Director, NC Food Innovation Lab**Prof. Robin May**, Chief Scientific Adviser Food Standards Agency (FSA)**Prof. Dr. habil. Carsten Lorz**, Professor in Soil Science in Forestry at Hochschule Weihenstephan-Triesdorf, University of Applied Sciences, Germany**Professor William Chen**, The Michael Fam Chair Professor in Food Science and Technology  
Director, Singapore Agrifood Innovation Lab (SAIL)

Scientific Director, Singapore Future Ready Food Safety Hub (FRESH)

**Atty. Jerry C. Serapion**, Business Development Division, Philippine Rice Research Institute**Mr. Asger Smidt-Jensen**, Research scientist, DTI Food Tech Danish Technological Institute**11:30 to 12:30 - Technological Synergy as an Operational Concept for the Future Food System**

Hosted by: Fresh Start - Global FoodTech Incubator

**Moderator:****Dr. Tammy Meiron Phd**, Fresh Start Food Tech CTO**Prof. Nir Ohad**, Director, Manna Center Program for Food Safety & Security  
Faculty of Life Sciences - Tel Aviv University**Speakers:**

- **Mr. Fabian Trumper**, CEO Bountica  
Reducing Food Loss and Extending Shelf Life of Perishable Foods Using ProServatives
- **Prof. Yossi Yovel**, School of Zoology Tel Aviv University
- **Dr. Anna Minz-Dub**, The Institute for Cereal Crops Research (ICCR) Tel Aviv University
- **Dr. Dror Shalitin**, Founder & CEO PlantArcBio  
Drought resistant crops for enhancing food security and adapting to climate change – using DIP™

**13:00 Parallel Sessions****Food Security & Sustainability Under Changing Climate Conditions****Innovation in Agriculture and Sustainability**

Hosted by MIGAL - Galilee Research Institute.

**The impact of climate change on agriculture****Moderator: Prof. Dan Levanon****Opening Remarks:****Mr. Avi Dichter**, Minister of Agriculture (Tbc)**Keynote Speakers:****Dr. Michal Levy**, The Chief Scientist of the Ministry of Agriculture and Rural Development**Prof. Yoram Kapulnik**, Director, US-Israel Binational Agricultural Research and Development Fund (BARD)**Panel: Food security and sustainability under climate change**

Presented by MIGAL- Galilee Research Institute, Northern Agriculture R&amp;D Investigators.

**Moderator: Prof. Itamar Glazer****Participants:**

- **Dr Lior Rubinovich**, Development of Quinoa (Chenopodium Quinoa) as a new multi-purpose crop in Israel.
- **Dr. Omer Crane**, Development of apple orchards ready for robotic management.
- **Dr. Michal Akerman-Lavert**, Breeding and acclimating new sweet-cherry varieties in Israel, adapted to changing climate conditions.
- **Dr. Aviv Asher**, "The dark side of the light"
- **Dr. Adam Abramson**, Decision support for data-driven farm profitability optimization.

**Panel: Desert Agriculture**

Presented by Ramat Negev, Central &amp; Northern Arava-Tamar, R&amp;D Investigators

**Moderator: Prof. Jacob Vaya****Participants:****Dr. Tom Groneveld**, How much is too much? The effect of irrigation and fruit thinning on date palm yield and quality.

- **Dr. Maayan Kitron**, Challenges of growing cut flowers in extreme desert environment.
- **Dr. Yael Barlavan**, Bacterial isolates from desert plants showing a better anti-fungal activity for agriculture.
- **Dr. Moran Segoli**, Desert Agriculture: from theory to practice.
- **Dr. Amnon Bustan**, Quality wines in the Negev: challenges and solutions.

**13:00 Rethinking Proteins****Exploring the Viability and Potential of Alternative Proteins for Sustainable Food Security**

Challenges in the transition from development to production.

Hosted and led by **The Israeli Innovation Authority****Ronit Eshel**, Alternative proteins, leading technology in FoodTech**Aviv Oren GFI**, Alternative proteins, opportunities, growth engines, business & investment forecast**Panel: R&D Infrastructure in alternative protein****Moderator: Dr. Noa Matarasso**, Senior Director at Infrastructure Division. **Israel Innovation Authority****Participants:**

- **Dr. Ofir Benjamin**, Senior Lecturer and Researcher at the Food Science Department Tel Hai College. **National Food Institute**
- **Assoc. Prof. Avi Shpigelman**, Head Laboratory for Novel Food and Bioprocessing and SPRC Deputy Director. **Technion Sustainable Protein Research Center (SPRC)**
- **Dr. Or Rotem**, CTO, **Alagene**, The Israeli SynBio Biofoundry
- **Mr. Nisan Zeevi**, VP Margalit Startup City Galil & Impact Director at JVP. **Margalit Startup City Galil - The International FoodTech Center**
- **Mr. Ariel Blumovich**, CEO, YDLabs

**Guest Speakers:****Dr. Serdar Uysal**, Founder & CEO, LIVZYM Biotechnologies Inc., **Turkey**.

Exploring the Viability and Potential of Alternative Proteins for Sustainable Food Security.

**Transition of FoodTech companies into large scale manufacturing.****Dr. Ziva Hamama**, Head of Risk Management Department, The National Food Service, Ministry of Health.**Novel Food Regulatory Framework, Alternative proteins****Panel: Path to scale up of alternative protein manufacturing****Moderator: Ronit Eshel**, Senior Director, Head of Advanced Manufacturing, FoodTech Sector lead. **Israel Innovation Authority****Participants:**

- **Ms. Noga Sela Shalev**, CEO, Fresh Start FoodTech
- **Dr. Dorit Rozner**, CTO, the Kitchen Hub
- **Ms. Yifat Inzbar**, Head of Foodtech, Ministry of Economy
- **Mr. Guy Nevo Michrowski**, CEO, Profuze
- **Mr. Yonatan Golan**, CEO, Brevel
- **Mr. Shay Cohen**, Chief Innovation Officer & Managing Director, Tnuva Ventures

**16:00 The Food Sec&Tech Conference Innovation Arena****Meet & Pitch Event at Tel Hai College - Closing Celebration of the Conference 2nd Day****Program:**

- **Dr. Erel Margalit**, Founder & Chairman JVP & Margalit Startup City  
"TED lecture" on FoodTech. **Inspiration and Vision in a Time of Global Crisis.**  
**The Galilee - The Silicon Valley of the Agri-Food-Tech industry in Israel.**
- Launch of the National Israeli Food Institute.
- The Innovation Arena - A marathon introducing startup companies and presentations of breakthrough technologies in Food Security.
- Beyachad Fund - Promising Startup Competition - presentations of the 5 finalists.

**16:30 Food Sec&Tech Promising Startup Winner Announcement & Reward Grant.**

Sponsored by Beyachad - The Stella and Yoel Carasso Family Foundation.

A Happy Hour of drinks, refreshments, and atmosphere.

The event is intended for conference participants, delegations, invitees, and students.