

ADVANCED ENGINEERING SOLUTIONS FOR MEDICAL APPLICATIONS: BIOSENSORS, BIOMATERIALS AND SOFT ROBOTICS

Bio-Convergence and Technion Human Health Initiative (THHI) Webinar 1.3.2021

The Israel Innovation Authority recognizes Bio-Convergence as the next economic growth engine. This national initiative synergizes with the Technion's Human Health Initiative (THHI), with aim to create opportunities and fruitful collaborations between Technion researchers' cutting-edge technologies and clinical challenges.

10:00-10:20 | Opening Remarks

- Prof. Jacob Rubinstein, Executive Vice President for Research, Director of Technion R&D Foundation Ltd.
- Prof. Yoram Reiter, Head, Technion Human Health Initiative (THHI)
- Ms. Karina Rubinstein, Director of Business Development, Start Up Division at Israel Innovation Authority and Dr. Noa Matarasso, Senior Director, Academia. Technological Infrastructure Division, Israel
- Prof. Irit Ben Aharon, Director, Oncology Division, RAMBAM

10:20-11:30 | Unmet Needs and Technological Solutions

- 10:20-10:30 Dr. Yair Feld, Structural and Interventional Cardiologist, RAMBAM and Professor at the Faculty of Medicine, Technion
Implantable Peritoneal Ultrafiltration for Fluid Overload Treatment
- 10:30-10:40 Prof. Alon Wolf, Faculty of Mechanical Engineering, Technion
From Bench to Bedside, Harvesting Technology and Science for Better Life
- 10:40-10:50 Prof. Amir Gat, Faculty of Mechanical Engineering, Technion
Multistability, Flows and Medical Devices
- 10:50-11:00 Prof. Shulamit Levenberg, Faculty of Biomedical Engineering, Technion
Bioprinting in Tissue Engineering
- 11:00-11:10 Prof. Havazalet Bianco-Peled, Faculty of Chemical Engineering, Technion
Sticky Matter: The Journey from Algae to Medical Adhesives
- 11:10-11:20 Prof. Avi Schroeder, Faculty of Chemical Engineering, Technion
The Tumor Type and Patient Sex Affect Nanomedicine Efficacy
- 11:20-11:30 Prof. Omer Yehezkeili, Faculty of Biotechnology and Food Engineering, Technion
Biotic/Abiotic Interfaced Systems for Biosensing and Enhanced (Bio) Catalysis

11:30-11:45 | Open Discussion



Registration



Zoom link

<https://technion.zoom.us/j/92660188007>