TECHNION | **Human Health** Initiative

RAMBAM Health Care Campus

TECHNION R&D Foundation Ltd.
T3 – Technion Technology Transfer

רשות החדשנות
Israel Innovation Authority

AI in Precision Medicine and Future Health-Tech Solutions

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

2.3.2021

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

10:20-11:40	Unmet Needs and Technological Solutions

10:20-10:30 Dr. Danny Eytan, Pediatric Intensive Care, RAMBAM
Data Science & Machine Learning in Pediatric Critical Care: Adapting Humans, Technology

10:30-10:40 Prof. Keren Itzchak, Faculty of Medicine, Technion
Studying Cancer in the Post-Genomic Era

10:40-10:50 Prof. Dvir Aran, Faculty of Biology, Technion
Research in the Data-Rich Biomedical Era to Advance Precision Medicine

10:50-11:00 Prof. Moti Freiman, Faculty of Biomedical Engineering, Technion and Dr. Anat Ilivitzki, Director, Pediatric Radiology Unit, RAMBAM
Automatic Virtual Unfolding and Assessing Disease Extent in Magnetic Resonance Enterography Data of Crohn's Disease Patients

11:00-11:10 Prof. Naama Geva-Zatorsky, Faculty of Medicine, Technion
The Therapeutic Potential of the Human Microbiome

11:10-11:20 Prof. Joachim Behar, Faculty of Biomedical Engineering, Technion
Digital Biomarkers and Machine Learning for Intelligent Patient Monitoring

11:20-11:30 Prof. Alex Bronstein, Faculty of Computer Science, Technion
Learning to See: Imaging in the Data Age

11:30-11:40 Prof. Danny Lange, Visiting Scientist at Technion, Digital Health Entrepreneur
Digital HealthTech Entrepreneurship: From Ideation to Startup

11:40-12:00	Open Discussion

Registration

Zoom link
https://technion.zoom.us/j/99996094407