

# JUNE 19, 2019

## THE ANNUAL MEETING OF ISRAELI TRANSLATIONAL MEDICINE

📍 GREIDINGER HALL, RUTH CHILDREN'S HOSPITAL, RAMBAM HEALTH CARE CAMPUS, HAIFA, ISRAEL

### SCIENTIFIC PROGRAM

**8:30**

Registration & Mingling

**8:50-9:00**

Opening Remarks

**09:00-10:30**

#### HUMAN MICROBIOME

Chairs: Yehuda Chowers and  
Itay Maza

**09:00-09:30** | Plenary Lecture

**Yael Haberman-Ziv,  
Sheba Medical Center**

Host: Microbial Interactions in  
Inflammatory Bowel Disease

**9:30-9:50**

**Naama Geva-Zatorsky,  
Technion-Israel Institute of  
Technology**

The Interplay Between the Gut  
Microbiome and the Host  
Immune System

**9:50-10:10**

**Elhanan Borenstein,  
Tel Aviv University**

Systems Biology and  
Model-Based Analysis of  
Microbiome Data

**10:10-10:30**

**Omry Koren,  
Bar-Ilan University**

The First 1000 Days: Where Does  
Our Microbiome Come From?

**10:30-10:45**

Coffee Break

**10:45-12:15**

#### THE HEART: NOT JUST A PUMP

Chairs: Izhak Kehat and Oren  
Caspi

**10:45-11:15**

**Izhak Kehat, Clinical Research  
Institute at Rambam (CRIR)  
and Technion-Israel Institute  
of Technology**

ERK Signaling in Heart Failure

**11:15-11:45**

**Oren Caspi, Clinical Research  
Institute at Rambam (CRIR)  
and Technion-Israel Institute  
of Technology**

Advancements in  
Cardiomyopathy Modeling  
using Pluripotent Stem Cells

**11:45-12:15** | Plenary Lecture

**Amir Landsberg,  
Technion-Israel Institute of  
Technology**

The Cardiopulmonary Vicious  
Cycle

**12:15-13:00**

Light Lunch

**13:00-14:30**

#### TUMOR MICROENVIRONMENT

Chairs: Irit Ben-Aharon and  
Ruth Perets

**13:00-13:30** | Plenary Lecture

**Gideon Rechavi,  
Sheba Medical Center**

Relevance of  
Epitranscriptomics to Cancer  
Therapy

**13:30-13:50**

**Yuval Shaked,  
Technion-Israel Institute of  
Technology**

The Immunological Response  
to Anti-cancer Therapy and  
Its Clinical Implications

**13:50-14:10**

**Neta Milman, Clinical  
Research Institute at  
Rambam (CRIR)**

The Selective Uptake of  
Macrophage Derived  
Exosomes by Pancreatic  
Ductal Adenocarcinoma Cells

**14:10-14:30**

**Ruth Perets, Clinical Research  
Institute at Rambam (CRIR)  
and Technion-Israel Institute  
of Technology**

Microenvironment Modulators  
in Clinical Practice and  
Clinical Trials

**14:30-14:45**

Coffee break

**14:45-16:15**

#### THE BRAIN: THE NEXT FRONTIER

Chair: Aeyal Raz

**14:45-15:15** | Plenary Lecture

**Hagai Bergman, The Hebrew  
University of Jerusalem**

Deep Brain Stimulation: Can  
We Make It Perfect?

**15:15-15:35**

**Nirit Lev, Meir Medical Center**

New Therapeutic Targets in  
Parkinson's Disease: Bedside  
to Bench and Back

**15:35-15:55**

**David Tene, Rambam Health  
Care Campus**

New Directions and  
Technologies in the Treatment  
of Stroke

**15:55-16:15**

**Aeyal Raz, Clinical Research  
Institute at Rambam (CRIR)  
and Technion-Israel Institute  
of Technology**

The Role of Thalamo-cortical  
Loops in Loss of  
Consciousness Under  
Anesthesia

**16:15-16:30**

Closing Remarks