

**20  
23**

SCIENTIFIC PROGRAM

**MARCH 14, 2023**

**2<sup>ND</sup> ANNUAL MEETING**

**OF THE ISRAELI TRANSLATIONAL RESEARCH  
(ITR) NETWORK**

📍 Spencer Auditorium Sammy Ofer Tower (Main Building, no. 1) Rambam Health Care Campus, Bat Galim, Haifa

**9:00**  
Gathering and coffee

**9:30**  
Opening  
Chair:  
**Shlomit Yehudai-Reshef, PhD**  
Director, Clinical Research Institute  
at Rambam (CRIR)

**Speaker:**  
**Miki Halberthal, MD**  
Director General  
Rambam Health Care Campus

**10:00-11:00 - Session 1**  
**ISRAEL'S MINISTRY OF  
INNOVATION, SCIENCE,  
AND TECHNOLOGY**

**Chair: Sharon Yagur-Kroll, PhD**  
Scientific Director  
Biomedical Research

**Speakers:**  
**Eitan Kugler, MD, PhD**  
Department of Human Molecular  
Genetics and Biochemistry, Sackler  
Medical School, Tel Aviv University;  
Institute of Hematology, Davidoff  
Cancer Center, Rabin Medical Center  
**The NCOR-HDAC3  
co-repressive complex  
modulates the leukemogenic  
potential of ERG**

**Tsiona Elkayam Cohen, PhD**  
Israel Research Core Facilities (IRCF)  
Manager  
**IRCF: A new national platform  
for core facilities to serve as a  
force multiplier of scientific  
research in Israel**

**Ahinoam Leu Sagie, MD**  
Faculty of Medicine, Hebrew University,  
Hadassah Medical Center, Jerusalem  
**Vaginal microbiota  
transplantation for recurrent  
bacterial vaginosis**

**11:00-12:00 - Session 2**  
**KEYNOTE LECTURE**

**Speaker: Yuval Dor, PhD**  
Department of Developmental Biology  
and Cancer Research, The Institute for  
Medical Research Israel-Canada; The  
Hebrew University-Hadassah Medical  
School Jerusalem  
**Epigenetic liquid biopsy**

**12:00**  
Coffee break

**12:30-13:30 - Session 3**  
**TEL AVIV SOURASKY  
MEDICAL CENTER -  
ICHILOV**

**Chair: Dafna Ben Bashat, PhD**  
Associate Professor, Radiology  
Department, Sackler School of  
Medicine & Sagol School of  
Neuroscience, Tel Aviv University;  
Deputy Director Sagol Brain Institute,  
and responsible for MRI systems,  
Tel Aviv Sourasky Medical Center

**Speakers:**  
**Dalit Ben-Yosef, PhD**  
Director, IVF Lab and Wolfe  
PGD Stem Cell Lab  
**A deep learning pipeline to  
automatically measure  
clinically relevant features  
of human IVF embryos**

**Moshe Giladi, MD, PhD**  
Principal Investigator  
**Structure-guided  
high-throughput identification  
of prenylation modulators for  
multiple myeloma therapy**

**Eric Shifrut, PhD**  
Resident physician,  
Internal Medicine D; principal  
investigator, Laboratory of Cancer  
Structural Biology  
**CRISPR discovery platforms  
for human T cell therapies**

**13:30-14:30 - Session 4**  
**SHEBA MEDICAL  
CENTER**

**Chair:**  
**Benjamin Dekel, MD, PhD**  
The Pediatric Stem Cell Research  
Institute and Pediatric Nephrology  
Division, Edmond and Lily Safra  
Children's Hospital, Sagol Center for  
Regenerative Medicine, Sheba Medical  
Center, Tel Hashomer; Sackler Faculty  
of Medicine, Tel Aviv University

**Speakers:**  
**Asaf Vivante MD, PhD**  
Professor of Pediatrics, Head -  
Department of Pediatrics B, and  
Pediatric Nephrologist, The Edmond &  
Lily Safra Children's Hospital, Chaim  
Sheba Medical Center, Tel Hashomer;  
Sackler School of Medicine, Tel Aviv  
University  
**The genetic basis of end-stage  
kidney disease in Israeli  
minorities**

**Oren Pleniceanu, MD, PhD**  
Kidney Research Lab,  
Institute of Nephrology and  
Hypertension, Sheba Medical Center,  
Tel Hashomer; Faculty of Medicine,  
Tel Aviv University  
**Higher-order organoids as a  
novel model of the human  
kidney**

**Michael Namestnikov,  
MD-PhD Student**  
The Pediatric Stem Cell Research  
Institute and Pediatric Nephrology  
Division, Edmond and Lily Safra  
Children's Hospital, Sheba Medical  
Center, Tel Hashomer; Sackler Faculty  
of Medicine, Tel Aviv University  
**Building a human fetal kidney  
in a petri dish provides insights  
into developmental kidney  
disease**

**14:30**  
Lunch

**15:00-16:00 - Session 5**  
**SCHNEIDER  
CHILDREN'S MEDICAL  
CENTER OF ISRAEL**

**Chair:**  
**Orna Steinberg Shemer, MD**  
**Speakers:**  
**Orna Steinberg Shemer, MD**  
Hematology - Oncology Division  
**Severe congenital neutropenia  
- clinical dilemmas translated  
to basic research**

**Esther Berko, MD, PhD**  
**Circulating Tumor DNA to  
Guide Targeted Therapy in  
Neuroblastoma**

**Orit Waisbourd-Zinman, MD**  
Gastroenterology,  
Hepatology and Nutrition  
Schneider Children's  
Medical Center of Israel; Felsenstein  
Medical Research Center, Tel-Aviv  
University  
**Biliary atresia - from sheep  
through mice back to patients**

**16:00-17:00 - Session 6**  
**RAMBAM HEALTH  
CARE CAMPUS**

**Chair: Rafael Beyar,  
MD, DSc, MPH**  
President, International Friends  
Associations and Senior Interventional  
Cardiologist, Heart Institute, Rambam  
Health Care Campus; Professor  
Emeritus of Medicine and Biomedical  
Engineering, The Technion-Israel  
Institute of Technology

**Speakers:**  
**Lior Gepstein, MD, PhD**  
Director, Division of Research and  
Department of Cardiology, Rambam  
Health Care Campus; Professor of  
Medicine (Cardiology) and Physiology,  
The Edna and Jonathan Sohnis Chair in  
Tissue Engineering and Regenerative  
Medicine, The Ruth & Bruce Rappaport  
Faculty of Medicine and Research  
Institute, Technion- Israel Institute of  
Technology  
**Use of advanced biological  
methodologies for the study  
and treatment of cardiac  
disorders**

**Oren Caspi, MD, PhD**  
Director, Heart Failure & Cardiovascular  
Research and Innovation, Rambam  
HCC; Head, Laboratory for  
Cardiovascular Precision Medicine,  
Technion-Israel Institute of Technology  
and Clinical Research Institute at  
Rambam (CRIR)  
**Multicellular cardiac organoids  
for modeling acquired  
cardiomyopathies**

**Izhak Kehat MD, PhD**  
Senior Cardiologist, Department of  
Cardiology, Rambam HCC; Head,  
Department of Physiology, Biophysics,  
and System Biology, the Ruth & Bruce  
Rappaport Faculty of Medicine,  
Technion-Israel Institute of Technology  
**Sarcomere turnover  
and heart disease**

**17:00**  
Closing Remarks

**THE LEADERSHIP OF THE  
ISRAELI TRANSLATIONAL  
RESEARCH (ITR)  
NETWORK:**

- Professor Arnon Blum,  
Poriya Hospital
- Professor Benjamin Dekel,  
Sheba, Tel-Hashomer City of Health
- Professor Lior Gepstein,  
Rambam Health Care Campus
- Professor Shai Izraeli,  
Schneider, Children's Medical Center
- Professor Gal Markel,  
Rabin Medical Center
- Professor Victor Novack,  
Soroka Medical Center
- Professor Eli Sprecher,  
Ichilov Hospital
- Dr. Shlomit Yehudai-Reshef,  
Rambam Health Care Campus

**FREE REGISTRATION**