SPRI
Sheba Pandemic Preparedness Research Institute

SHEBA
Medical Center at HaShomer

# CONFERENCE PROGRAM




## 25 OCTOBER 2026

Sheba Medical Center | Tel Hashomer, Israel

**Prepared for Today. Research for Tomorrow.**

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# The day at a glance

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| 08:15 | Registration & Breakfast |
| 08:45 | Greetings |
| 09:00 | Session 1: Brain Drain |
| 10:00 | Coffee, cake & networking |
| 10:15 | Session 2: Pandemics of the Future |
| 12:05 | Lunch |
| 13:00 | Session 3: Innovation in Medicine & AI |
| 14:00 | Coffee, cake & networking |
| 14:20 | Session 4: Israeli Excellence Worldwide |
| 15:00 | Session 5: The Psychedelic Revolution |
| 15:45 | Snacks & networking |

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## 08:45 | Greetings

**Prof. Eyal Zimlichman** | Chief Transformation, Innovation and AI Officer, Sheba Medical Center, Israel

**Prof. Gili Regev** | Director, Sheba Pandemic Preparedness Research Institute (SPRI), Sheba Medical Center, Israel

# Session 1 | Brain Drain

## 09:00 | The Fellowship Decision: What Keeps Israeli Physicians Abroad and What Could Bring Them Home

**Dr. Mayan Gilboa**
Infection Prevention And Control Unit SPRI- Sheba Pandemic Preparedness Research Institute Sheba Medical Center, Israel

## 09:15 | Recent Findings on the Emigration of Physicians from Israel

**Prof. Itai Ater**
Professor of Economics Coller School of Management Tel Aviv University, Israel

## 09:30 | Panel: Stay, Leave or Return? The Future of Israeli Physicians

**Panel moderator:** Dr. Mayan Gilboa

**Panelists**

**Dr. Einat Haber** | Director, REWIRE Center for Neurorestoration, Integrated Rehabilitation Hospital, Sheba Medical Center, Israel

**Dr. Guy Rozen** | MD, MHA, System Director of Electrophysiology Tufts Medicine, Cardiovascular Service Line Assistant Professor of Medicine Tufts University School of Medicine, Boston, MA

**Dr. Inbar Nardi-Agmon** | senior cardiologist, cardio-oncology service, Sheba Medical Center, Israel

**Dr. Uri Hadelsberg** | MD MBA, Israel

**Dr. Zeev Feldman** | Neurosurgeon, Sheba Medical Center, Chairman, Israel State Employed Physicians Organization & Vice Chairman, Israel Medical Association

## 10:00 | Coffee, cake & networking

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# Session 2 | Pandemics of the Future

**10:15** | **Session begins**

## (i) Obesity

**10:15 Obesity - More Than Meets the Eye**

**Dr. Gabi Lieberman** | Head of the Israeli Center for Weight Management, Sheba Medical Center

**10:30 Future Targets in Obesity Medicine**

**Dr. Dan Oleru** | Family, Diabetes & Obesity Medicine: Lead Medical Director, Cardiovascular, Renal & Metabolism Product Development, Roche/Genentech

## (ii) Aging

**10:45 The Longevity Pandemic: Are We Ready for a World That Lives Longer?**

**Prof. Zipi Strauss** | Head, Longevity Center, Sheba Medical Center, Israel

## (iii) Poverty

**11:05 Managing Infection in PWID Who Experience Homelessness - One Door One Stop**

**Prof. Yoav Keinan** | Head, Infectious Diseases; Scientific Director, National Collaborating Centre for Infectious Diseases; University of Manitoba, Canada

## (iv) Infectious Diseases

**11:20 From Outbreak to Breakthrough; The SPRI Response to West-Nile Virus**

**Prof. Gili Regev** | Head, Infection Prevention & Control; Director, SPRI, Sheba Medical Center, Israel

**11:35 Drug Discovery in Time of Pandemics**

**Prof. Yossef Av-Gay** | Infectious Diseases / Microbiology and Immunology, University of British Columbia, Canada

**11:50 The Most Clinically Validated and Effective Intradermal Pandemic Vaccine Delivery Device**

**Dr. Yotam Levin**
President of Innovation NanoPass Technologies

**12:05** | **Lunch**

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# Session 3 | Innovation in Medicine & AI

**13:00** | **Session begins**

**13:00 Turning AI Breakthroughs into Bedside Reality**
**Dr. Ayelet Akselrod-Ballin**
Head and CTO of AI Center , ARC Innovation Sheba Medical Center, Israel

**13:15 PANDAI: Leveraging AI to Predict, Detect, and Manage Future Pandemic Threats**
**Prof. Mark Katz**
Epidemiologist, Pandemic Threats, Communicable Diseases and Anti-Microbial Resistance Unit Division of Health Security World Health Organization/European Regional Office, Denmark

**13:30 A Large Language Model Pipeline for Individualized Learning Feedback from Resident-Attending Radiology Report Discrepancies**
**Dr. Yiftach Barash**
Interventional Radiology BIDMC, DFCI Harvard Medical School, Boston, MA

**13:40 C. Difficile - Beyond a Broken Biome**
**Dr. Yoav Golan**
Professor of Medicine, Tufts Medical Center, Boston, MA, USA

**13:50 Innovations in Operating Little Hearts**
**Dr. Eitan Kelzman**
Pediatric & Congenital Cardiac Surgeon Edmond J. Safra International Congenital Heart Center Sheba Medical Center, Israel

**14:00** | **Coffee, cake & networking**

# Session 4 | Israeli Excellence Around the Globe

**14:20** | **Session begins**

**14:20 Neurological Diseases We Used to Immunize Against**
**Prof. Chen Hoffmann**
Sheba Medical Center, Israel

**14:30 Optimizing β-lactam Combination Therapy in MRSA Bloodstream Infections**
**Dr. Neta Petersiel**
MD FRACP | PhD candidate Department of Infectious Diseases Melbourne Medical School, Australia

**14:40 Reading the Immune Response in Real Time: Functional Immune Fingerprinting for Bacterial-Viral Differentiation**
**Dr. Hassan Abu-Dagush**
Avram and Stella Goldstein-Goren Department of Biotechnology Engineering, Faculty of Engineering Sciences Ben Gurion University, Israel

**14:50 Malignant Arrhythmias**
**Dr. Guy Kulbak**
Cardiac Arrhythmia Service Assistant Professor of Medicine, Tufts University School of Medicine, Assistant Professor of Medicine, UMass Chan School of Medicine, Lahey Hospital and Medical Center, Tufts, Boston, MA

# Session 5 | The Psychedelic Revolution in Medicine

## From Taboo to Therapy

**15:00** | **Session begins**

**15:00 Research and Therapy with Psychoactive Substances**
**Dr. Keren Tsarfaty**
CEO and Co-founder MAPS Israel, Haifa University, Israel

**15:45** | **Snacks & networking**

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# Thank you to our partners

For supporting the SPRI | Sheba International Medical Summit

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**25 October 2026 | Sheba Medical Center**

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