

# Big Data TLV Agenda

This program is subject to change.

08:00 → 09:00

Networking Breakfast And Exhibition

09:00 → 09:45 - Auditorium

Co-Chairs' Welcome And Opening Remarks

## Co-Chairs' Welcome

- **Dr. Eyal Zimlichman**, Deputy Director General, Chief Medical Officer, and Chief Innovation Officer, Sheba Medical Center
- **Prof. David L. Reich**, President and Chief Operating Officer, Mount Sinai Hospital

## Opening Remarks

- **Prof. Yitshak Kreiss**, Director General, Sheba Medical Center
- **Dr. Ami Appelbaum**, Chief Scientist, Israel Innovation Authority

## General Session 1

09:45 → 10:30 - Auditorium

### Keynote Presentation

- **Prof. John D. Halamka**, Chief Information Officer, Beth Israel Deaconess System

10:30 → 11:15

### Panel 1

Overcoming Challenges in Implementing Big Data Solutions

#### Moderator:

- **Mr. Russ Branzell**, CEO, College of Healthcare Information Management Executives

#### Participants:

- **Prof. Ran Balicer**, Founding Director, Clalit Research Institute
- **Prof. John D. Halamka**, Chief Information Officer, Beth Israel Deaconess System
- **Prof. David L. Reich**, President and Chief Operating Officer, Mount Sinai Hospital
- **Prof. Varda Shalev**, Director, Institute of Research and Innovation, Maccabitech

11:15 → 11:45

Coffee Break And Exhibition

## General Session 2

11:50 → 12:30 - Auditorium

### Panel 2

Future Directions of AI:  
The Industry Perspective

#### Moderator:

- **Dr. Michal Rosen-Zvi**, Director for Health Informatics, IBM Research

#### Participants:

- **Dr. Nathalie Bloch**, Director, ARC Innovation Center, Sheba Medical Center
- **Prof. Kira Radinsky**, Visiting Professor, Technion
- **Prof. Avinatan Hassidim**, Google

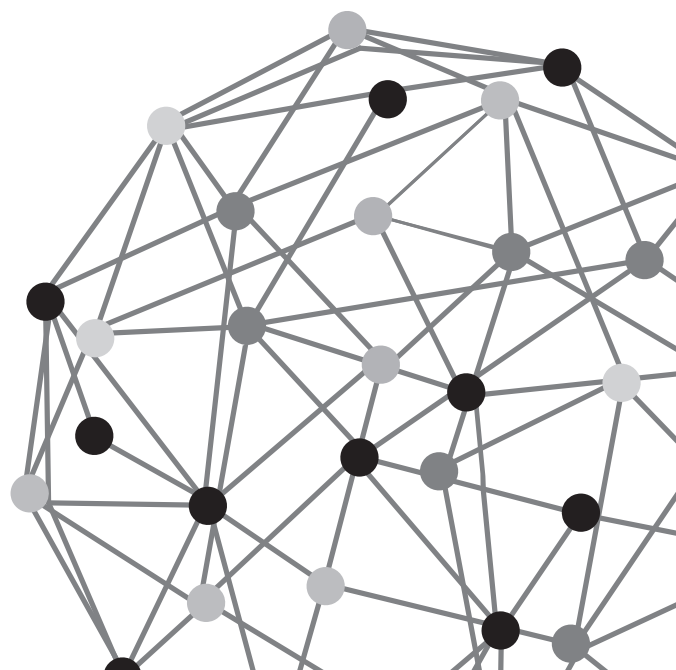
12:30 → 14:00

Lunch And Networking

■ 12:30 - 13:15 - Lunch

■ 13:15 - 14:00 - Networking

B2B Meetings and Networking  
Big Data in Healthcare - Live Demo  
Poster Discussion



# Breakout Sessions

14:00 → 15:45

## Track 1: AI and Future Directions for Healthcare - Auditorium

Chairman: Prof. Robert Klempfner

- **The Role of Data Science in Improving Value-Based Health Care in the U.S.**  
Prof. David L Reich, President and Chief Operating Officer, Mount Sinai Hospital
- **AI and the Future of Medicine**  
Dr. Ahuva Weiss-Meilik, Head of the Data Science and Quality Division, Tel Aviv Sourasky Medical Center
- **How Patient Centricity and Big Data AI Analytics Improve Treatment Outcomes**  
Mr. Eliran Malki, CEO and Co-Founder, Belong.life
- **Preventing Worldwide Blindness**  
Dr. Zack Dvey-Aharon, CEO & Chief Scientist, AEYE Health LLC
- **The First Ever Deployment of an AI-Based System in a Pathology Institute: A Year in Review**  
Daphna Laifenfeld, Chief Strategy Officer, Ibex Medical Analytics

## Track 2: Hands-On AI - Hall 3 First Floor

Chairman: Dr. Ben Gross

- **Machine Learning in Healthcare – Focusing On Practical Usability**  
Dr. Noa Dagan, Chief Data Officer, Clalit Research Institute
- **Unlock Data. Transform Care.**  
Dr. Hovav Dror, Chief Science Officer, MDClone
- **Medical Imaging AI Inference At Scale In: Emulated T-Score In Spine CT**  
Mrs. Mila Orlovsky, Clinical Data Scientist, Zebra Medical Vision
- **A Machine Learning Model for Predicting CT Utilization in an Adult Emergency Department**  
Dr. Yiftach Barash, Sheba Medical Center
- **Reducing Drug Prescription Errors and Adverse Drug Events with a Machine Learning-Based Clinical Decision Support System**  
Dr. Gad Segal, Sheba Medical Center
- **Use-Case Of Hospital-Acquired Infections, Real-Time Surveillance And Classification Of Hospital-Acquired Infections**  
Amit May-Dan, CEO, MilagroAI

## Track 3: Fostering Innovation in Big Data - Hall 2

Chairman: Dr. Gidi Stein

- **ARC: A Unique Innovation Concept in Big Data**  
Dr. Eyal Zimlichman, Deputy Director General, Chief Medical Officer, and Chief Innovation Officer, Sheba Medical Center
- **Building a Clinical Data Science Pipeline: Real-Time Machine Learning and Decision Support for Healthcare**  
Prof. Matthew Levin, Director, Clinical Data Science Team, Mount Sinai Health System
- **Israel Ministry of Health's Strategy for Big Data**  
Mrs. Esti Shelly, Director, Digital Health Division, Israel's Ministry of Health
- **Reliability, Fairness, Accountability, and Transparency**  
Dr. Elan Sasson, CEO and Co-Founder, Data Science Group
- **Semi-Supervised Validation of EMR Algorithms with Noisy Labels**  
Dr. Chuan Hong, Harvard Medical School
- **Medication Use Is Made Digital Using Computer Vision**  
Dr. Eyal Bartfeld, Irody Inc.

15:45 → 16:00

Coffee Break And Exhibition

16:00 → 16:45 - Auditorium

Keynote presentation

- **Moving From Precision Medicine To Next Generation Healthcare**  
Prof. Joel Dudley, Executive Vice President for Precision Health, Mount Sinai Health System

16:45 → 17:00 - Auditorium

Closing Reception

- **Dr. Eyal Zimlichman**, Deputy Director General, Chief Medical Officer, and Chief Innovation Officer, Sheba Medical Center
- **Prof. David L Reich**, President and Chief Operating Officer, Mount Sinai Hospital