



Scientific Conference

The Sagol Center for Regenerative Medicine (SCRM)

September 15, 2025 | 08:00
Shpirer Hall, Sheba Medical Center

08:00–08:30 **Registration & Morning Coffee**

08:30–08:50 **Opening Remarks**

- **Prof. Benjamin Dekel**, Director, Sagol Center for Regenerative Medicine
- **Prof. Yitshak Kreiss**, Director General, Sheba Medical Center
- **Prof. Ariel Porat**, President, Tel Aviv University

08:50–08:55 **Opening Video: Advanced Technologies in Regenerative Medicine**

08:55–09:35 **Keynote Lecture**

The Aging Genome: From Mechanisms to Interventions

Prof. Bjoern Schumacher, Director, Institute for Genome Stability in Aging and Disease, Medical Faculty, University of Cologne, Germany

09:35–10:50 **Session 1: Frontiers in Regeneration**

09:35–09:50 **Immunogenicity Regulation in iPSCs**

Prof. Marcelo Ehrlich

09:50–10:10 **Stable, Easy-to-Handle, Fully Autologous Electrospun Polymer-Peptide Skin Equivalent for Severe Burn Injuries**

Prof. Lihi Adler- Abramovich & Dr. Ayelet Disegni Cohen

10:10–10:25 **Magnetothermal Stimulation for Axonal Regeneration**

Dr. Dekel Rosenfeld

10:25–10:50 **Actin in Action: Unraveling New Mechanisms in Skin Development**

Prof. Chen Luxenburg

10:45–11:00 **Coffee Break**

11:00–12:25 **Session 2: From Discovery to Therapeutic Potential**

11:00–11:20 **cAMP Modulators in Hematopoietic Stem Cells**

Prof. Michael Milyavsky & Prof. Arnon Nagler

11:20–11:40 **Novel RNA Treatment for ALS**

Prof. Eran Perlson & Dr. Amir Dori

11:40–11:55 **Limbal Stem Cell Deficiency in Aniridia**

Prof. Ruth Ashery-Padan

11:55–12:10 **Kidney Organoids for Mitochondrial Tubulopathy**

Dr. Josh Manor

12:10–12:25 **Tissue Development & Regeneration in Health and Disease**

Dr. Tomer Itkin

12:25–13:30 **Lunch Break**

13:30–14:30 **Session 3: Systems and Signals in Tissue Repair**

13:30–13:50 **Notch Targets for Hearing and Balance Regeneration**

Prof. Karen Avraham & Prof. David Sprinzak

13:50–14:00 **Cord Blood on the era of cell therapy and regenerative medicine**

Dr. Nira Bloom

14:00–14:10 **MD-PhD Student Lecture**

Noam Rattner

14:10–14:20 **MD-PhD Student Lecture**

Ido Rosen

14:20–14:30 **MD-PhD Student Lecture**

Elias Elias

14:30–14:45 **Closing Remarks**

Prof. Karen Avraham, Dean, Gray Faculty of Medical & Health Sciences
Prof. Benjamin Dekel, Director, Sagol Center for Regenerative Medicine

[Registration >>](#)

