

# TCCP

4<sup>th</sup> annual conference



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**לתכנית הכנס באתר המרכז להתמודדות  
עם מגפות סרקו את הקוד**

\* לא ניתן לצפות בתכנים מדפדפן ספארי רק מוזילה או כרום

**Wednesday, May 28, 2025 • The Steinhardt Museum of Natural History | Tel Aviv University**

**08:30-09:00 Reception hall**, registration and coffee

**09:00-09:10 Opening statements:**

**Prof. Dan Peer**, TAU VP for R&D

**Prof. Itai Benhar**, Director of the TCCP

**09:10-10:00 Auditorium**, Plenary Lecture **Prof. Dorit Nitzan**, Ben-Gurion University

*Advanced Degrees in Emergency Management: The View from Ben-Gurion University*

**10:00-10:20** Reception hall, Coffee break

## Session 1

### The impact of external factors on disease dynamics and public health responses during pandemics

Chair: **Prof. Itai Benhar**, Director of the TCCP, Faculty of Life Sciences

**10:20-10:50 Prof. Sigal Alon**, Department of Sociology and Anthropology, Faculty of Social Sciences, Tel Aviv University

*Work Orientation through the Lens of the COVID-19 Disruption*

**10:50-11:20 Dr. Moran Bodas**, School of Public Health, Faculty of Medical and Health Sciences, Tel Aviv University

*The effect of risk messaging framing (altruism versus Individualism) on compliance with health guidelines during a future pandemic*

**11:20-11:50 Prof. Judith Berman**, Shmunis School of Biomedicine and Cancer Research, Faculty of Life Sciences, Tel Aviv University

*Antifungal drug resistance and tolerance in pathogenic yeasts*

**11:50-12:20 Prof. Oren Kobiler**, Department of Clinical Microbiology and Immunology, Faculty of Medical and Health Sciences, Tel Aviv University

*Enhanced Recombination in Herpes Simplex Viruses Is Induced by Antiviral drugs*

**12:20-13:20** Lunch

## Session 2

### Biological and systemic strategies for understanding and combating disease

Chair: **Prof. Adi Stern**, Faculty of Life Sciences

**13:20-13:50 Dr. Ofer Cornfeld**, the Eitan Berglas School of Economics, Faculty of Social Sciences, Tel Aviv University.

*Integrating Macroeconomic and Public Health Impacts in Social Planning Policies for Pandemic Response*

**13:50-14:20 Prof. Marcelo Ehrlich**, Shmunis School of Biomedicine and Cancer Research, Faculty of Life Sciences, Tel Aviv University

*Control of protein translation: a critical battleground in viral infection and antiviral responses, and a promising therapeutic target*

**14:20-14:50 Prof. Dudu Burstein**, Shmunis School of Biomedicine and Cancer Research, Faculty of Life Sciences, Tel Aviv University

*Plasmids Fight Back: Anti-Defense Systems Boost Conjugation Efficiency*

**14:50-15:20 Prof. Uri Ashery**, Sagol School of Neuroscience, School of Neurobiology Biochemistry & Biophysics, Faculty of Life Sciences, Tel Aviv University.

*Developing a Biological Definition for Synucleinopathies based on Alpha-Synuclein Aggregates Using Super Resolution Microscopy*

**15:20-15:45** Reception hall, Coffee break

## Session 3 • Student lectures

### Including recipients of TCCP scholarships

Chair: **Prof. Udi Sommer**, Faculty of Social Sciences

**15:45-16:00 Arielle Kaim**, (Prof. Bruria Adini's Lab) School of Public Health, Faculty of Medical and Health Sciences, Tel Aviv University

*Evaluating the Effectiveness of Emergency Medical Team Field Hospital Deployments in Pandemic Response: A Novel Assessment Tool*

**16:00-16:15 Roza Izgilov**, (Prof. Dafna Benayahu's Lab) Department of Cell and Developmental Biology, Faculty of Medical & Health Sciences, Tel Aviv University

*Advanced glycation end products (AGEs) alter tissue stiffness and lead to metabolic dysfunction*

**16:15-16:30 Asaf Pras**, (Prof. Hadas Mamane's Lab) School of Mechanical Engineering, Faculty of Engineering Tel Aviv University

*Nowcasting Fecal Coliforms Risk Categories in real-time and in-situ*

**16:30-16:45 Yoav Dan**, (Prof. Lihi Adler Abramovich's Lab) Department of Oral Biology, The Goldschleger School of Dental Medicine, Faculty of Medical & Health Sciences, Tel Aviv University

*Encapsulated Enzyme as an Antibacterial Treatment*

**16:45-17:00 Dafna Tussia-Cohen**, (Dr. Tsachi Hagay's Lab) Shmunis School of Biomedicine and Cancer Research, Faculty of Life Sciences, Tel Aviv University

*Using comparative genomics to discover resistance mechanisms against infectious diseases*

**17:00-17:15 Elya Wygoda**, (Prof. Tal Pupko's Lab), Shmunis School of Biomedicine and Cancer Research, Faculty of Life Sciences

*How do sequences diverge? Accurate modelling of indel and substitution events*

## 17:15 • Closing remarks



**The Center for  
Combating Pandemics**  
Tel Aviv University