



The Shmunis School of  
Biomedicine and Cancer Research  
George S. Wise Faculty of Life Sciences  
Tel Aviv University

# THE 1<sup>st</sup> SHMUNIS CANCER CONFERENCE

**MARCH 9, 2023** ANU MUSEUM OF THE JEWISH PEOPLE  
TEL AVIV UNIVERSITY

08:30 – 9:00 Gathering  
09:00 – 09:15 Welcome and Greetings  
**Dan Peer**, Vice President for Research and Development, TAU  
**Abdussalam Azem**, Dean, George S. Wise Faculty of Life Sciences, TAU  
**Anat Herskovits**, Head, The Shmunis School of Biomedicine and Cancer Research, TAU

## SESSION 1: THE TUMOR MICROENVIRONMENT

Chair: **Adit Ben-Baruch**, TAU

09:15 – 09:35 **Isaac P. Witz**, TAU  
*Awardee, Career Achievement in Cancer Research Award*  
09:35 – 10:00 **Lior Mayo**, TAU  
*Shutting down glioblastoma: How astrocytes contribute to tumor progression*  
10:00 – 10:35 **Michael Karin**, UCSD  
*Control of pancreatic cancer metabolism and clinical outcome by collagen turnover*  
10:35 – 11:00 Coffee Break

## SESSION 2: CANCER MECHANISMS

Chair: **Martin Kupiec**, TAU

11:00 – 11:35 **Sylvia K. Plevritis**, Stanford  
*Spatial biology of cancer reveals cell-cell colocalizations and interactions associated with progression*  
11:35 – 12:05 Flash Talks by Graduate Students, TAU  
12:05 – 12:30 **Marcelo Ehrlich**, TAU  
*Identifying, exploiting and enhancing the susceptibilities of cancer cells to oncolytic viruses*  
12:30 – 13:05 **Steven Artandi**, Stanford  
*Role of telomerase in stem cells and cancer*  
13:05 – 14:00 Break

## SESSION 3: THE RESEARCH-CLINIC INTERFACE

Chair: **Yariv Wine**, TAU

14:00 – 14:25 **Dan Peer**, TAU  
*Therapeutic genome editing in cancer*  
14:25 – 14:50 **Vered Padler-Karavani**, TAU  
*Targeting the sweet spots of cancer*  
14:50 – 15:15 **Itai Benhar**, TAU  
*Antibody-targeted lipid nanoparticle mediated inhibition of the GPCR RXFP1 signaling pathway as a therapeutic approach for ovarian cancer*  
15:15 – 15:50 **Maria Grazia Roncarolo**, Stanford  
*Regulatory T cell therapy: Progress and hurdles*  
15:50 – 16:25 **Carlos Arteaga**, UT Southwestern  
*Drug resistance in ER+ breast cancer*  
16:25 – 16:30 Meeting Closure

Conference Chair: **Adit Ben-Baruch**  
[aditbb@tauex.tau.ac.il](mailto:aditbb@tauex.tau.ac.il)

Conference Coordinator: **Tal Oded**  
[taloded@tauex.tau.ac.il](mailto:taloded@tauex.tau.ac.il)

Free Registration Link:

[HTTPS://EN-LIFESCI.TAU.AC.IL/FORM\\_SHMUNIS](https://en-lifesci.tau.ac.il/form_shmunis)

SPONSORS



TEL AVIV UNIVERSITY  
אוניברסיטת תל אביב



EDMOND J. SAFRA CENTER  
FOR BIOINFORMATICS

School of Computer Science | Tel Aviv University  
Tel Aviv 6997801, Israel | Tel. +972-3-6405391  
[SafraBio@tauex.tau.ac.il](mailto:SafraBio@tauex.tau.ac.il) | <http://safraBio.cs.tau.ac.il/>



TEL AVIV UNIVERSITY  
אוניברסיטת תל אביב



The Ela Kodesz Institute for Research on Cancer  
Development and Prevention, Tel Aviv University