



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

THE 1st 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
Mr. Vlad Shmunis, USA Entrepreneur and Philanthropist

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

Conference Chair: **Adit Ben-Baruch**
aditbb@tauex.tau.ac.il

Conference Coordinator: **Tal Oded**
taloded@tauex.tau.ac.il

Free Registration Link:

[HTTPS://EN-LIFESCI.TAU.AC.IL/FORM_SHMUNIS](https://en-lifesci.tau.ac.il/form-shmunis)

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

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