

# THE SEVENTH ANNUAL MEETING OF THE ISRAELI SOCIETY FOR CANCER RESEARCH

Smolarz Auditorium, Tel Aviv University, Israel | June 4, 2015



## **BRIDGING THE GAP: FROM TARGETS TO CLINICAL APPROACHES**

### **SCIENTIFIC PROGRAM**


<b>08:00-09:10</b>	<b>REGISTRATION, VOTING AND VISIT THE EXHIBITION</b>	<b>SMOLARZ</b>
<b>09:10-09:40</b>	<b>OPENING REMARKS</b>	

<b>Adit Ben-Baruch</b>	Chair, Organizing Committee George S. Wise Faculty of Life Sciences, TAU
<b>Yona Keisari</b>	President, The Israeli Society for Cancer Research Sackler Faculty of Medicine, TAU
<b>Daniel Chamovitz</b>	Dean, George S. Wise Faculty of Life Sciences, TAU
<b>Iris Barshack</b>	Associate Dean and Head of Medical School, Sackler Faculty of Medicine, TAU

<b>09:40-11:05</b>	<b>PLENARY SESSION 1</b>	<b>SMOLARZ</b>
--------------------	--------------------------	----------------

#### **ADVANCED DRUG-DESIGN & THERAPY APPROACHES**

Chairs: **Cyrille Cohen** (BIU), **Tamar Peretz** (Hadassah)

09:40	<b>Keynote Lecture</b> ADOPTIVE T CELL THERAPY: THE NEXT GENERATION <b>Cassian Yee</b> , MD Anderson Cancer Center, Houston, TX, USA <i>Sponsored by FISEB - Ilanit</i>
10:10	THE POTENTIAL ROLE OF LIVIN, A REGULATOR OF APOPTOSIS PROTEIN, IN CANCER THERAPY <b>Dina Ben-Yehuda</b> , Dept. Hematology, Hadassah
10:30	RNA THERAPEUTICS: NEW ERA IN MOLECULAR MEDICINE? <b>Dan Peer</b> , Faculty of Life Sciences, TAU
10:50	<b>ISCR BUSINESS SESSION</b>
11:05	 <b>COFFEE BREAK, POSTER VIEWING AND VISIT THE EXHIBITION</b>

**SMOLARZ**

**NETWORK DYNAMICS AT THE TUMOR MICROENVIRONMENT**Chairs: **Lea Eisenbach** (WIS), **Moshe Oren** (WIS)11:25 ***Educational Lecture***

TUMOR - MICROENVIRONMENT INTERACTIONS: THE BIG PICTURE

**Isaac P. Witz**, Faculty of Life Sciences, TAU

## 11:50 CHRONIC INFLAMMATION INDUCED IMMUNOSUPPRESSION: UNDERLYING MECHANISMS AND CLINICAL IMPLICATIONS IN CANCER

**Michal Baniyash**, Lautenberg Center for Immunology, HUJI

## 12:10 EOSINOPHILS PROMOTE COLORECTAL CANCER THROUGH EXPRESSION OF S100A8 AND S100A9

**Hadar Reichman**, Faculty of Medicine, TAU

## 12:20 TUMOR RELATED NEUTROPHILS - A NEW CHALLENGE IN CANCER IMMUNOLOGY

**Zvi G. Fridlender**, Dept. Internal Medicine, Hadassah

## 12:40 BONE MARROW-DERIVED CAFs ARE A FUNCTIONALLY DISTINCT POPULATION IN THE MICROENVIRONMENT OF BREAST CANCER AND LUNG METASTASES

**Neta Erez**, Faculty of Medicine, TAU**TUMOR HETEROGENEITY AND BIOLOGICAL REGULATION**Chairs: **Marcelo Ehrlich** (TAU), **Ronit Pinkas-Kramarski** (TAU)11:25 ***Educational Lecture***

THE TRANSLATION APPARATUS IN THE CANCEROUS CELL

**Yitzhak Pilpel**, Dept. Molecular Genetics, WIS

## 11:50 THALIDOMIDE DISTINCTLY AFFECTS THE PRODUCTION OF AUTOCRINE FACTORS IN OVARIAN CARCINOMA CELLS

**Mahmoud Huleihel**, Faculty of Health Sciences, BGU

## 12:10 CAN THE UREA CYCLE ENZYMES REGULATE PH IN CANCER CELLS?

**Odeya Boukobza**, Dept. Biological Regulation, WIS

12:20 KAPOSI'S SARCOMA-ASSOCIATED HERPESVIRUS: FROM HEALTH CONCERN TO MOLECULAR INSIGHTS  
**Ronit Sarid**, Faculty of Life Sciences, BIU

12:40 POST-TRANSLATIONAL MODIFICATION (PTM) PROFILING - A NOVEL TOOL FOR MAPPING THE PTM LANDSCAPE IN CANCER  
**Yifat Merbl**, Dept. Immunology, WIS

13:00  **LIGHT LUNCH BREAK, POSTER VIEWING, VISIT THE EXHIBITION** **SMOLARZ**

**14:00-15:20 PLENARY SESSION 2 SMOLARZ**

**DORMANCY AND METASTASIS**

Chairs: **Dalit Barkan** (Uni. Haifa), **Eitan Yefenof** (HUJI)

14:00 **Keynote Lecture**  
INTRAVITAL MICROSCOPY OF CANCER INVASION, METASTASIS AND THERAPY RESPONSE  
**Peter Friedl**, Radboud University, Nijmegen, The Netherlands & MD Anderson Cancer Center, Houston, TX, USA  
*Sponsored by EACR*

14:30 TUMOR MICROENVIRONMENT: EXOSOMES IN OVARIAN CARCINOMA AS A PARADIGM  
**Reuven Reich**, Faculty of Medicine, HUJI

14:50 IDENTIFYING MOLECULAR SIGNATURES FOR TUMOR DORMANCY AS A BASIS FOR THE DEVELOPMENT OF THERANOSTIC NANOMEDICINES  
**Ronit Sachi-Fainaro**, Faculty of Medicine, TAU

15:10 **POSTER AWARD**

15:20  **COFFEE BREAK, POSTER VIEWING AND VISIT THE EXHIBITION** **SMOLARZ**

**15:40-16:55 PARALLEL SESSION 2A SMOLARZ**

**ANGIOGENESIS AND DISEASE PROGRESSION**

Chairs: **Ron Apte** (BGU), **Israel Vlodavsky** (Technion)

15:40 **Keynote Lecture**  
OPTIMIZING PDX MODELS FOR NEXT GENERATION PRECISION MEDICINE  
**David Sidransky**, Johns Hopkins Cancer Center, Baltimore, MD, USA

- 16:05 SURGICAL EXCISION OF A PRIMARY TUMOR ENHANCES SPONTANEOUS METASTASIS OF BREAST CANCER THROUGH COX-2 AND BETA-ADRENERGIC PATHWAYS  
**Lee Shaashua**, Neuroscience / Psychological Sciences, TAU
- 16:15 SENESCENT CELLS COMMUNICATE VIA INTERCELLULAR PROTEIN TRANSFER  
**Anat Biran**, Dept. Molecular Cell Biology, WIS
- 16:25 LYSYL OXIDASE OVEREXPRESSED IN MICE THAT UNDERGO SURGERY MAY PROMOTE METASTASIS  
**Chen Rachman**, Faculty of Medicine, Technion
- 16:35 FULL LENGTH SEMAPHORIN-3C IS AN INHIBITOR OF TUMOR LYMPHANGIOGENESIS AND METASTASIS  
**Gera Neufeld**, Faculty of Medicine, Technion

**15:40-16:55 PARALLEL SESSION 2B**

**KES HAMISHPAT**

**GENETIC MODIFICATIONS AND BEYOND**

Chairs: **Izhak Haviv** (BIU), **Varda Rotter** (WIS)

- 15:40 ***Keynote Lecture***  
THE PROTEIN INTERACTION MAP OF APOPTOSIS AND AUTOPHAGY: FROM BASIC SCIENCE TO A THERAPEUTIC VISION  
**Adi Kimchi**, Dept. Molecular Genetics, WIS
- 16:05 MACROLIDE INDUCED READ-THROUGH OF APC NONSENSE MUTATIONS IN FAMILIAL ADENOMATOUS POLYPOSIS  
**Michal Caspi**, Faculty of Medicine, TAU
- 16:15 TARGETING THE REPROGRAMMED ENERGY GENERATION SYSTEM OF CANCER CELLS  
**Uri Nir**, Faculty of Life Sciences, BIU
- 16:35 POPULATION SCREENING FOR MUTATIONS IN BRCA1 AND BRCA2 - ARE WE THERE YET?  
**Efrat Levy-Lahad**, Dept. Medical Genetics, Shaare Zedek