

THE 7th ANNUAL MEETING OF THE ISRAELI SOCIETY FOR CANCER RESEARCH

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



SCIENTIFIC PROGRAM

08:00-09:10 REGISTRATION, VOTING AND VISIT THE EXHIBITION SMOLARZ

09:10-09:40 OPENING REMARKS

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

09:40-11:05 PLENARY SESSION 1 SMOLARZ

ADVANCED DRUG-DESIGN & THERAPY APPROACHES

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

09:40	Keynote Lecture ADOPTIVE T CELL THERAPY: THE NEXT GENERATION Cassian Yee , 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 Dina Ben-Yehuda , Dept. of Hematology, Hadassah
10:30	RNA THERAPEUTICS: NEW ERA IN MOLECULAR MEDICINE? Dan Peer , Faculty of Life Sciences, TAU
10:50	ISCR BUSINESS SESSION
11:05	COFFEE BREAK, POSTER VIEWING AND VISIT THE EXHIBITION

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NETWORK DYNAMICS AT THE TUMOR MICROENVIRONMENTChairs: **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 REGULATIONChairs: **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

11:25-13:00 PARALLEL SESSION 1B (cont.)

KES HAMISHPAT

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 AND VISIT THE EXHIBITION**

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14:00-15:20 PLENARY SESSION 2

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DORMANCY AND METASTASIS

Chairs: **Dalit Barkan** (Haifa University), **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 Satchi-Fainaro, Faculty of Medicine, TAU

15:10 **POSTER AWARD**

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

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ANGIOGENESIS AND DISEASE PROGRESSIONChairs: **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

GENETIC MODIFICATIONS AND BEYONDChairs: **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?
Ephrat Levy-Lahad, Dept. Medical Genetics, Shaare Zedek