

The 18th CBRC Meeting May 9-11th 2018

SCIENTIFIC PROGRAM

WEDNESDAY, MAY 9, 2018

14:00 *Registration and Reception*

14:30-15:00

Opening Session

GREETINGS

Joseph Klafter, President, Tel Aviv University
Iris Barshack, Associate Dean and Head of the Medical School
Daniel Chamovitz, Dean, Faculty of Life Sciences
Dan Peer, Head, Cancer Biology Research Center

15:00-16:40

Session I

NEURO-ONCOLOGY

Chairs: **Ilan Volovitz – Tel-Aviv Sourasky Medical Center**
Zvi Cohen – Sheba Medical Center

15:00 - 15:10 Introduction by the Chair- **Ilan Volovitz**

15:10 -15:30 Perioperative blockade of stress and inflammatory responses improves biomarkers of metastasis in excised tumors and in repeated blood samples: Phase II clinical trials in colorectal and breast cancer patients

Shamgar Ben-Eliyahu

Sagol School of Neuroscience
Faculty of Social Sciences, TAU

15:30 – 15:50 Astrocytes as key regulators of glioblastoma

Lior Mayo

Faculty of Life Sciences, TAU

15:50 – 16:10 Tumor Treating Fields (TTFields): A novel therapeutic approach for brain tumors, metastases and systemic cancer.

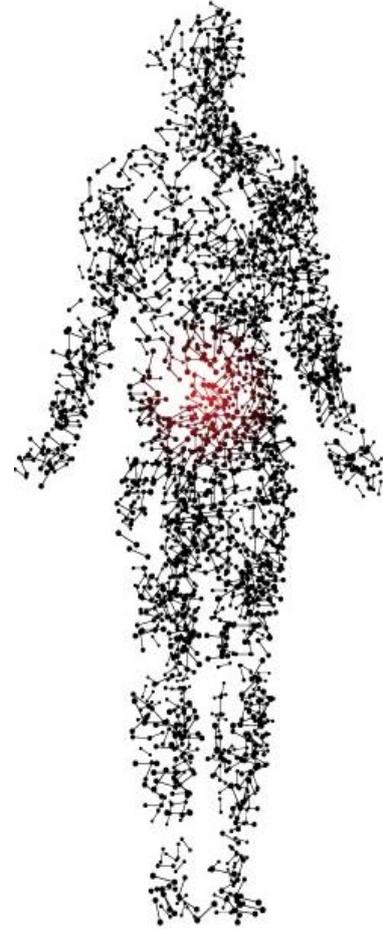
Zvi Ram

Tel-Aviv Sourasky Medical Center

16:10 – 16:30 Maintenance treatment in primary central nervous system lymphoma

Osnat Bairey

Rabin Medical Center



16:30 – 17:00

Coffee Break

WEDNESDAY, MAY 9, 2018 (CONT.)

17:00-18:30

Session II

CANCER DIAGNOSTICS AND THERAPY

Chairs: **Benjamin Dekel - Sheba Medical Center**
Tamar Geiger – Faculty of Medicine

17:00-17:10 Introduction by the Chair – **Benjamin Dekel**

17:10– 17:30 The application of delayed contrast MRI for differentiating tumor from treatment effects in patients with brain tumors
David Guez
Sheba Medical Center

17:30– 17:50 Harness necroptosis to Fight Cancer
Motti Gerlic
Faculty of Medicine, TAU

17:50– 18:10 A three-way Molecular tug-of-war: Tumorigenic signaling, innate immune anti-viral response and viral oncolysis
Marcello Ehrlich
Faculty of Life Sciences, TAU

18:10– 18:25 A universal platform for RNAi therapeutics
Nuphar Veiga
Faculty of Life sciences, TAU

18:30-19:00

Session III

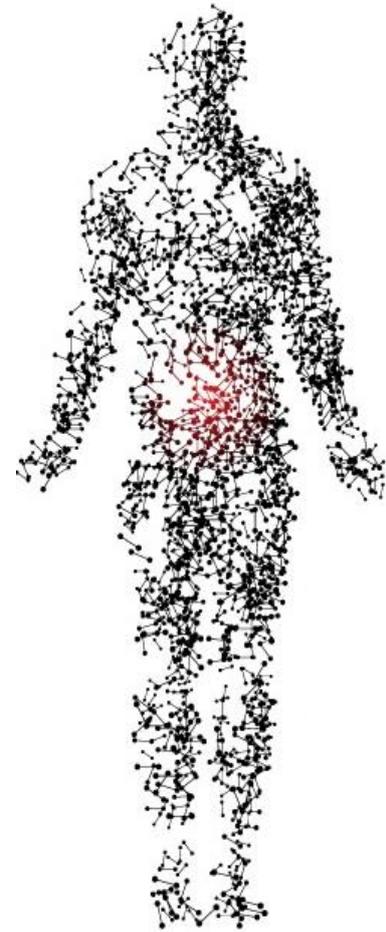
GREETINGS

Miri Ziv, Director, Israel Cancer Association

FLASH SESSION

Chairs: **Carmit Levy – Faculty of Medicine**
Yechezkel Sidi – Sheba Medical Center

18:30– 18:34 Characterizing the Dynamic Co-Evolution of Lung Fibroblasts in the Metastatic Microenvironment During Breast Cancer Metastasis



Ophir Shani
Faculty of Medicine, TAU

18:34– 18.38 Validation and Functional Analysis of Novel Mutated Genes in Pediatric Gliomas

Or Zohar
Faculty of Life Sciences, TAU

18:38– 18.42 A General Approach for Defining the Binding Mechanism of Antibodies Against Tumor-Associated Carbohydrate Antigens

Ron Amon
Faculty of Life Sciences, TAU

18:42– 18.46 Residential and Inflammatory Eosinophils in Breast Cancer Associated Lung Metastasis

Sharon Grisaru
Faculty of Medicine, TAU

18:46– 18.50 SCD Takes Leukemia to the CNS

Angela Maria Savino
Sheba Medical Center

18:50– 18.54 A New Lung-Derived Factor Inhibits Neuroblastoma Lung Metastasis

Shelly Maman
Faculty of Life Sciences, TAU

18:54– 18.58 The Role of Genomic Alterations as Drivers of Liver-Specific Metastasis Formation in Pancreatic Ductal Adenocarcinoma (PDAC) Cancer

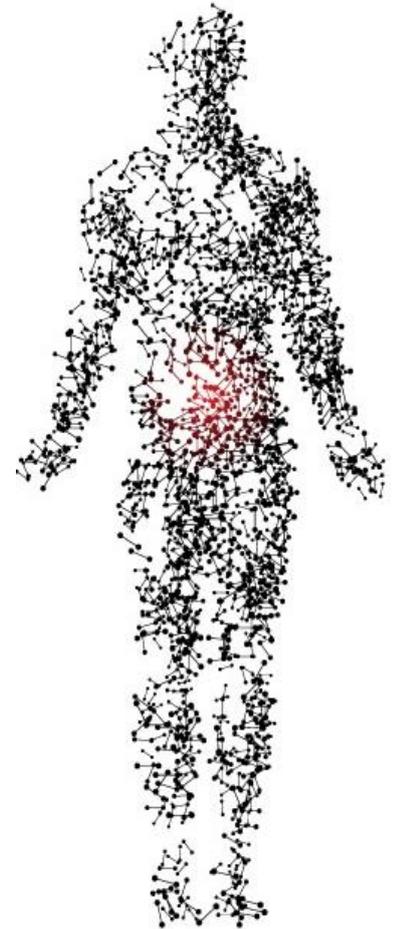
Anat Klein
Tel-Aviv Sourasky Medical Center

18:58– 19.02 Image-Guided Surgery Using Near-Infrared Turn-On Nanoprobes Improves Tumor Free Survival

Rachel Blau
Faculty of Medicine, TAU

20:30 *Dinner*

21:30 **RESHEF LEVY** -An intelligent and funny stand-up comedy show by Reshef Levy



THURSDAY, MAY 10, 2018

07:30 - 08:45 **Breakfast**

08:45 - 09:00 **Meet the Expert**
BLAVATNIK CENTER for Drug Discovery
Turning Exellecent Multidisciplinary Science into
Therapeutic Leads
Ludmila Buzhansky
BCDD

9:00-10.40 **Session IV**

TUMOR MICRO-ENVIRONMENT

Chairs: **Raphael Catane – Sheba Medical Center**

09:00 - 09:10 Introduction by the Chair – **Raphael Catane**

09:10 – 09:30 Inflammation-driven networks in the regulation
of breast cancer progression
Adit Ben-Baruch
Faculty of Life Sciences, TAU

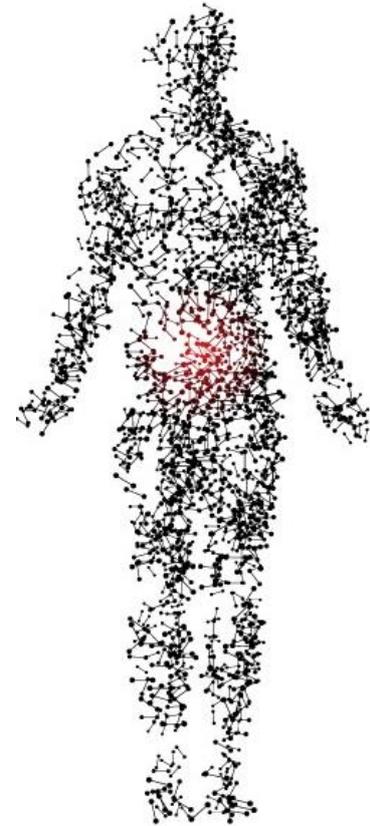
09:30 – 09:50 The role of the omentum in the metastasis of
gastrointestinal tumors
Guy Lahat
Tel-Aviv Sourasky Medical Center

09:50– 10:10 Breaking bad: Cancer-associated fibroblasts link tissue damage with tumor-
promoting inflammation in breast cancer
Neta Erez
Faculty of Medicine, TAU

10:10– 10:30 Emerging roles for eosinophils in the tumor microenvironment
Ariel Munitz
Faculty of Medicine, TAU

10:30 – 10:50 A myriad of tumor microenvironment targets: Which one is the tumor's
Achilles heel?
Dan Aderka
Sheba Medical Center

10:50 - 11.10 **Coffee Break**



Session V

11:10 – 13:00

HEMATOLOGICAL MALIGNANCIES

Chairs: **Meir Lahav – Rabin Medical Center**
Osnat Ashur-Fabian - Meir Medical Center

11:10 - 11:20 Introduction by the Chair - **Meir Lahav**

11:20 – 11:40 Towards selective targeting of the multiple myeloma-mesenchymal stem cells crosstalk

Liat Drucker

Meir Medical Center

11:40 -12:00 Wnt signaling stabilizes red blood cells cytoskeleton and prolongs their life span

Rina Rosin-Arbesfeld

Faculty of Medicine, TAU

12: 00- 12:20 Mortalin, the mitochondrial stress protein 70, in cancer resistance, targeted therapy and diagnosis.

Zvi Fishelson

Faculty of Medicine, TAU

12:20 - 12:40 RNA modifications meet Hematology

Gidi Rechavi

Sheba Medical Center

12:40 - 13:00 Double CAR T-Cell for treatment of Multiple Myeloma

Anat Globerson Levin

Tel-Aviv Sourasky Medical Center

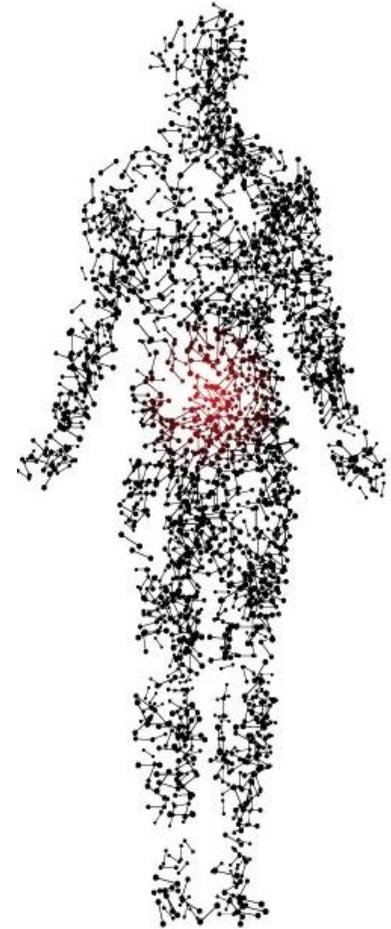
13:00 – 14:30 **Lunch**

Session VI

14.30 -16:10

IMMUNE-ONCOLOGY

Chairs: **Zelig Eshhar – Tel-Aviv Sourasky Medical Center**
Michal Besser – Sheba Medical Center



14:30 - 14:40 Introduction by the Chair – **Zelig Eshhar**

14:40-15:00 Induction of Melanoma-Reactive Cd4+ T Cells during tumor progression and following DC-driven immunotherapy
Yaron Carmi
Faculty of Medicine, TAU

15:00 – 15:20 Integrating bedside and bench in melanoma immuno-oncology
Gal Markel
Sheba Medical Center

15:20 -15:40 Insights on the regulation of immune checkpoint genes – potential implications for cancer immunotherapy
Raya Leibowitz
Sheba Medical Center

15:40 -16:00 Basic research. Outsmarting cancer:
Nadir Arber
Tel-Aviv Sourasky Medical Center

16:00 - 17.00 **Session VII**

SPECIAL PANEL

Chair: **Yair Bar - Sheba Medical Center**

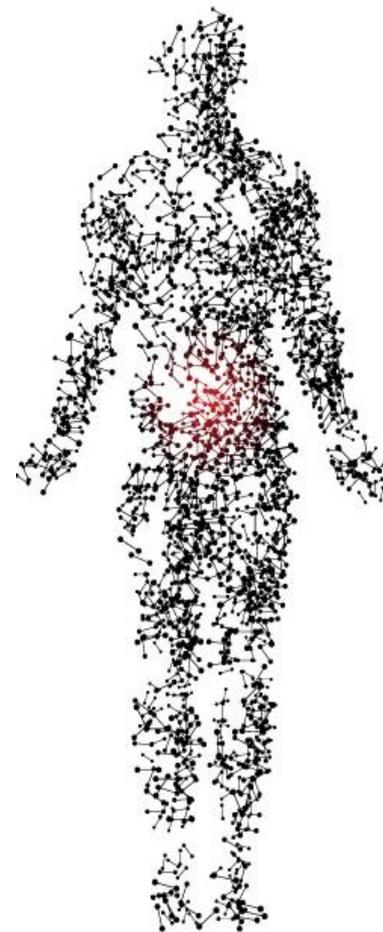
16:00 – 16:30 Harnessing the sentinel lymph node to combat metastatic spread
Tanja de Gruij
Department of Medical Oncology,
VU University medical center –
Cancer Center Amsterdam

16:30 – 17:00 From Industry to Academy & Back.
Behind the scenes of healthcare research commercialization
Adi Elkeles
RAMOT

17:00 **Poster session**

20:00 **Dinner**

21:30 Social Event - Hataklitim - live music event



FRIDAY, MAY 11, 2015

07:00 - 08:00 **Breakfast**

8:15-9.15 **Session VIII**

KEYNOTE LECTURE

Chairs: **Dan Peer – Faculty of Life Sciences**

8:15-9.15 Overcoming resistance to PD-1 blockade therapy
Antoni Ribas
UCLA Medical Center

9:15-11.15 **Session IX**

PERSONALIZED MEDICINE

Chairs: **Avishay Sella – Assaf Harofeh Medical Center**
Drorit Neumann – Faculty of Medicine

09:15 - 09:25 Introduction by the Chair – **Avishay Sella**

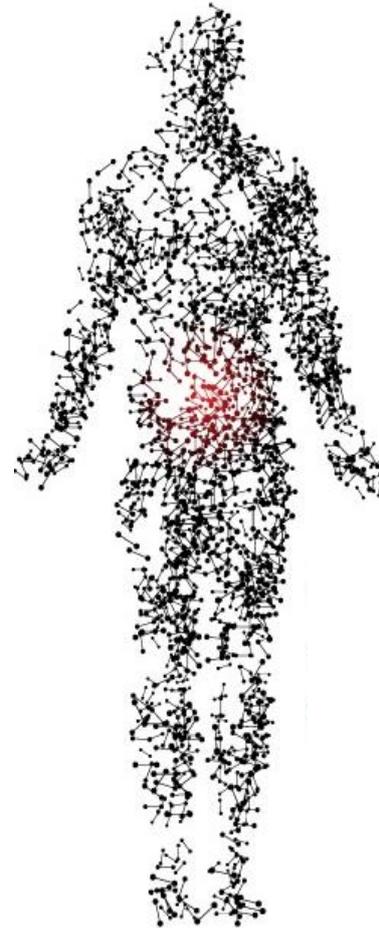
09:25 – 9.45 Treating brain neoplasms in three dimensions
Ronit Satchi-Fainaro
Faculty of Medicine, TAU

09:45 – 10:05 Ig-Seq Analysis of immune repertoires at health and disease
Yariv Wine
Faculty of Life Sciences, TAU

10.05 – 10.25 New technologies for personalized epigenetics
Yuval Ebenstein
Faculty of Exact Sciences TAU

10:25 – 10:45 Personalization and Precision in the Treatment of Ovarian Cancer
Tally Levy
Wolfson Medical Center

10:45 – 11:05 Harnessing metabolic vulnerabilities: a novel strategy to overcome endocrine resistance in breast cancer
Ido Wolf
Tel-Aviv Sourasky Medical Center



11:05 – 11:30

Coffee Break and Visit the Exhibition

11:30-13:00

Session X

COMPUTATIONAL ANALYSIS & MATCHING TECHNOLOGIES

Chairs: **Ron Shamir – Faculty of Exact Sciences**
Eitan Friedman – Sheba Medical Center

11:30 - 11:40 Introduction by the Chair – **Ron Shamir**

11:40– 12:00 Filtering big data, finding small molecules,
lead to precision medicine in breast cancer.
Noam Shomron
Faculty of Medicine, TAU

12:00 – 12:20 Statistical modeling of stem cell transplantation
outcomes: The two cultures.
Roni Shouval
Sheba Medical Center

12:20 – 12:40 Systems immunology: exploiting computational
tools to study the immune cell composition in health
and disease
Irit Gat Viks
Faculty of Life Sciences, TAU

12:40 – 12:50 Epigenetic Mapping of Human Chromosomes in
Nanochannel Arrays
Hila Sharim
Faculty of Exact Sciences TAU

12:50 – 13:00 Deep Proteomic Analysis of the Response to
Immunotherapy in Melanoma Patients
Michal Harel
Faculty of Medicine, TAU

13:00 – 13:15 **Awards ceremony and closing remark – Dan Peer**

13.30 - Departure

