

Tuesday June 22

06:30-09:00 Breakfast

Session 7 Studies of SARS-CoV-2 transmission and defense - Chair: Ofer Mandelboim

09:15-09:45 Studies of SARS-CoV-2 transmission and defense | Dana Wolf

9:45-10:00 Closing remarks | Ofer Mandelboim

10:00-11:00 Check out

11:15 Departure



מרכז לאוטנברג לאימונולוגיה וחקר הסרטן,
מעבדות קונצרן
The Concern Foundation Laboratories
at the Lautenberg Center for Immunology
and Cancer Research

Immunology Retreat

June 20-22, 2021

PROGRAM

Organized by
 **ORTRA**
MEETING POINT

Sunday June 20

Bus departure

7:00 Givat Ram
7:30 Ein Karem
7:30 Mevasseret

10:30-12:00 **Arrival + Refreshments**
12:00-12:15 Opening Remarks | **Ofer Mandelboim**
12:15-13:15 Probing Differential Functions of Tissue Macrophages | **Steffen Jung**

Session 1 **Gene regulation - Chair: Leonor Daniel**

13:15-13:35 Screening alternative splicing of immune-modulatory receptors as a new avenue to identify targets for cancer immunotherapy | **Shay Tzaban (Lotem Lab)**
13:35-13:55 Bioinformatics challenge to capture regulatory splicing in bulk and patient-derived lymphocytes | **Elad Zisman (Lotem Lab)**
13:55-14:15 Impact of SMCHD1 mutations on chromosomal topology and alternative splicing, and its role in disease | **Eden Engal (Drier Lab)**
14:15-14:35 Single-cell transcriptomes of pancreatic preinvasive lesions and cancer | **Oshri Yossefov (Parnas Lab)**

14:35-14:45 **Coffee Break**

Session 2 **Gene regulation - Chair: Ilan Stein**

14:45-15:05 Modelling WWOX loss in CNS of Mouse and Human Brain Organoids - A promising approach for treating WWOX related neurological disorders | **Sri Repudi (Aqeilan Lab)**
15:05-15:25 APOBEC3G rescues cells and mice from the deleterious DNA damage induced by irradiation | **Gunjan Sharma (Kotler Lab)**
15:25-15:45 Dissecting the regulatory network of dendritic cells activation and suppression **Anastasia Komisarova + Lei Xia (Parnas Lab)**

15:45-16:05 **Coffee Break**

Session3 **Metabolism, Microbiome & p53 - Chair: Lina Jaber**

16:05-16:25 Metabolic functions of p53 in liver homeostasis and disease | **Nasrallah Nasrallah (Pikarsky Lab)**
16:25-16:55 Improving T cell effector functions by limiting mitochondrial-derived ATP (mtATP) transfer to the cytosol | **Omri Yosef (Berger Lab)**
16:55-17:15 The oncometablite 2 hydroxyglutarate controls the fidelity of male meiosis | **Miriam Schlossberg (Pikarsky Lab)**

17:15-17:35 **Coffee Break**

17:35-18:20 Lactosylceramide synthase B4galt6 and SLAMF6 receptor: Key molecules for future targeting of chronic inflammation induced immunosuppression | **Kerem Ben Meir (Baniyash Lab)**

18:20-19:00 **Room Keys Distribution & Free time**

19:00-20:30 **Dinner**

21:00 **Social activity**

Monday June 21

06:30-08:45 **Breakfast**

Session 4 **Cancer - Chair: Einat Cinnamon**
9:00-9:20 New therapy ideas for colorectal cancer | **Adar Zinger (Ben Neria Lab)**
9:20-9:40 Dissecting Early Stages of Osteosarcomagenesis | **Rania Akkawi (Aqeilan Lab)**
9:40-10:00 Using single cell RNA-seq to study persistence during targeted therapy of lung adenocarcinoma | **Dana Rimini (Drier Lab)**
10:00-10:20 What have we Learned from Mapping the Breast Cancer Breakome? | **Sara Oster (Aqeilan Lab)**
10:20-10:40 The fungal pathogen C. albicans evades host immunity by manipulating the immune checkpoint receptor TIGIT using the Als family of adhesins | **Yoav Charpak-Amikam (Mandelboim Lab)**

10:40-11:00 **Coffee Break**

Session 5 **Immunology & Virology - Chair: Irit Snir-Alkalay**

11:00-11:20 Mother knows best - experienced maternal decidua NK cells protecting the fetus from bacterial infection | **Rebecca Kotzur (Mandelboim Lab)**
11:20-11:40 "The role of mitochondria in T cell function: from bedside to bench and back" | **Dr. Oded Shamriz (Berger Lab)**
11:40-12:00 Impact of myeloid - B cell cross talk on the immune system during chronic inflammation | **Nira Twaik-Nakav (Baniyash Lab)**

12:00-16:00 **Fun activity + Free time**

16:00-16:20 **Coffee Break**

Session 6 **Cancer & Virology - Chair: Sharona Tornovsky**

16:20-16:40 RORc regulates the pro-tumorigenic phenotype of tertiary lymphoid structures in liver cancer | **Einat Cinnamon (Pikarsky Lab)**
16:40-17:00 Study of the immune system in AML therapy | **Eric Hung (Ben Neria Lab)**
17:00-17:20 Neutralization of SARS-CoV-2 infection by ACE2-Ig and Spike-Ig fusion proteins
Social activity | **Abigael Chaouat (Mandelboim Lab)**
17:20-19:00 **Free time**
19:00-20:00 What makes us human? the epigenetic underpinning of recent human evolution | **Liran Carmel**

20:00 **Dinner**

21:00 **Social activity**