



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

Immunology Retreat - NEA- 19-21/06/2023

Monday June 19

Bus departure	7:00	Givat Ram	
	7:30	Ein Karem	
	8:00	Mevasseret	
	10:30-12:00	Arrival + Refreshments	
	12:00-12:15	Ofer Mandelboim	Opening Remarks
	12:15-13:15	Alex Sigal	SARS-CoV-2 and HIV co-infection: lessons for future pandemics
	13:15-13:55	Oded Shamriz	Analysing T-cell Function in NDUFS4 Deficiency: Redefining Primary Mitochondrial Disorders as Inborn Errors of Immunity
	13:55-14:15	Coffee Break	
Leonor Daniel	Chair	Immune cells and diseases	
Session 1	14:15-14:35	Anastasia Komissarova	"Systematic identification of gene combinations to target in innate immune cells to enhance T cells activation by HMPCITE-seq"
	14:35-14:55	Ori Stern	Modifying the alternative splicing of FAS to improve the immune response
	14:55-15:15	Yarden Engel	Generating Metabolically Superior T Cells as a Novel Immunotherapy to Treat Solid Tumors
Ilan Stein	Chair	Viruses	
Session 2	15:15-15:35	Or Alfi	New immune correlates of protection against CMV infection in the maternal-fetal interface
	15:35-15:55	Esther Djian	The move to a large scale screening of Congenital CMV
	15:55-16:15	Abigael Chaouat	Hot viruses: SARS-CoV-2 and Monkeypox
	16:15-16:35	Coffee Break	
Lina Jaber	Chair	Organ metabolism and immunity	
Session 3	16:35-16:55	Mingdong Liu	NK cells recognize Candida albicans through Nkp46
	16:55-17:15	Stav Rabinovich	What is Your Cell Identity? Depends on Who is Standing Next to You
	17:15-17:35	Guy Kariv	Inflammatory Bone Loss Mediated by Specific Osteoclast Precursors
	17:35-17:55	Nasrallah Nasrallah	C-terminal modulation determines the metabolic role of p53 in NAFLD
	17:55-18:15	Or Reuven	The Involvement of Myeloid-Derived Suppressor Cells in Inflammatory Bowel Disease
	18:15-19:00	Room Keys Distribution & Free time	
	19:00-20:30	Dinner	
	21:00	Social activity	
Tuesday June 20			
	06:30-08:45	Breakfast	
Sharona Tornovsky	Chair	Tumor biology 1	

Session 4	9:00-9:20	Guochen Wan	Assessing the impact of inflammatory cell death in the anti-leukemic action of a newly developed drug
	9:20-9:40	Tirza Bidany-Mizrahi	Loss of WWOX drives cutaneous squamous cell carcinoma (cSCC) through regulating EMT
	9:40-10:00	Noa Omer Vilk	Identification of genomic amplification and their driver genes using plasma cell-free nucleosomes
	10:00-10:20	Yotam Avidar-Constantini	Characterizing the expression program dynamics of malignant transformation
	10:20-10:40	Coffee Break	
Irit Snir-Alkalay	Chair	Tumor biology 2	
Session 5	10:40-11:00	Luriano Peters	Pre-leukemic cells in the context of their environment
	11:00-11:20	Oshri Yosefov Levi	Acinar metaplastic cells' heterogeneity and essential genes that mediate the progression of pancreatic cancer
	11:20-11:40	Avishai Wizel	Transcriptional heterogeneity and intratumor paracrine signaling in salivary gland carcinoma
	11:40-12:00	Coffee Break	
Merav Hecht	Chair	Epigenetics	
Session 6	12:00-12:20	Eden Engal	The Impact of SMCHD1 Loss on DNMT3B Splicing and DNA Methylation Dysregulation in Muscular Dystrophy and Beyond
	12:20-12:40	Matan Lotem	Cell-free chromatin immunoprecipitation in human urine
	12:40-13:00	Osama Hidmi	"R-loops and TOP1 facilitates DSBs formation at actively transcribed oncogenes
	13:00-13:20	Shahd Abu Kamel	Alterations of DNA methylation and CTCF binding by EBV infection of gastric epithelial cells
	13:20-19:00	Activity + Free time	
Prof. Micha Berger	19:00-20:00	flash talks	
	20:00	Dinner	
wednesday June 21			
	06:30-08:45	Breakfast	
Ofer Mandelboim	Chair	Appetizers	
Session 7	9:00-9:20	Lang Zou	Tracking early primary invasion in mouse models of intestinal carcinoma
	9:20-9:40	Mark Kournos	The activating NK cell receptor NKG2D affect mouse behavior and brain anatomy
	9:40-10:00	Ela Fallik	Cell-type decomposition with component variation using VarNMF
	10:00-10:20	Daniel Steinberg	Small Brains, Big Potentials: Investigating WWOX-Related Epileptic Encephalopathies Using Organoids
	10:20-11:00	Check Out + Coffee Break	
Leonor Daniel	11:00 - 12:00	flash talks	
	12:00 - 12:30	Light Lunch	
Session 8	12:20 - 13:00	Alex Sigal	The effect of vaccine platform on boosting of the immune response to SARS-CoV-2
	13:00-13:10	Ofer Mandelboim	Closing remarks
	13:15	Departure	