



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

LAUTENBERG CENTER'S

Annual Retreat

Elma Hotel, Zichron Yaakov

DAY 1 25.2.2025

	10:30-12:10	Arrival + Registration + Brunch
	12:15-12:30	Ofer Mandelboim Opening Remarks
	12:30-12:45	Eitan Yefenof Lautenberg Center
	Chair: Ofer Mandelboim	» Viral & Fungal infections
	12:45-13:30	Stipan Jonjic Immunobiology of congenital cytomegalovirus infection of the central nervous system
Session 1	13:30-13:50	Or Alfi Modeling initial events of mucosal viral infection
	13:50-14:10	Einav Shasha Local nasal antiviral immunity
	14:10-14:30	Mark Kournos Recognition of Fungi by NK cells
	14:30-14:50	Hillel Darvish Viral Signal in cfDNA ChIP-seq: Noise or Potential Information?
	14:50-15:10	Coffee Break
	Chair: Irit Snir-Alkalay	» Inflammatory response
Session 2	15:10-15:40	Inbal Benhar Systems Neuroimmunology: Dissecting Injury Responses at the Tissue Level
	15:40-16:00	Guy Kariv Inflammatory Bone Loss Mediated by Specific Osteoclast Precursors
	16:00-16:20	Anyi Chen Study of inflammatory cell death in the anti-leukemic action of the newly developed drug, A51
	16:20-16:40	Or Reuven The Involvement of Myeloid-Derived Suppressor Cells in Intestinal Chronic Inflammation
	16:40-17:00	Coffee Break
	Chair: Einat Cinnamon	» Metabolism
Session 3	17:00-17:20	Guy Baziza Metabolic Adaptations in Male Germ Cell Development
	17:20-17:40	Zahala Baron Investigating the role of Pyrroline 5-Carboxylate Synthetase (P5CS) and proline biosynthesis in T cell activity
	17:40-19:00	Room destrebution + Free Time
	19:00	Dinner

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DAY 2 26.2.2025

Session 4	06:45-8:40	Breakfast
	Chair: Inbal Benhar	» Genomics
	8:40-9:00	Shay Tzaban SpliceSeek-a new platform to identify immune gene isoforms that improve functional capacity of anti cancer T cells
	9:00-9:20	Priyanga Appasamy Discovery of gene variants which compensate for T cell exhaustion
	9:20-9:40	Ela Fallik Investigating the latent space of cell free ChIP-seq
	9:40-10:00	Chava Brim Tackling Transcriptional Addiction in AML with A51: Exploring Epitranscriptomic Mechanisms of Adaptive Resistance
Session 5	10:00-10:20	Elad Applebaum Characterizing Tumor Fitness Constraints Mutational Shifts of Expression States
	10:20-10:40	Osama Hidmi Landscape and consequences of transcription stress in cancer
	10:40-11:00	Coffee Break
	Chair: Merav Hecht	» Cancer therapeutics
	11:00-11:30	Carlos Caldas Modelling breast cancer using patient-derived tumor xenografts- Learning about instruction of tissue architecture
	11:30-11:50	Rania Akkawi Chromosomal Fragility and Tumor Suppression: The Role of WWOX at 16q in Ewing Sarcoma
Session 6	11:50-12:10	Avishai Wizel The role of HIF1 signaling in persistence to EGFR inhibitors in EGFR mutated lung adenocarcinoma
	12:10-12:30	Shani Mistriel-Zerbib Manipulating the unfolded protein response as a treatment for T-cell acute lymphoblastic leukemia
	12:30-12:50	Maitraiye Humaney Targeting CK1α: Innovative Therapeutic Strategies for Colorectal Cancer
	12:50-16:00	Lunch + Activity + Group Photo
	Chair: Leonor Daniel	» Immunotherapy
	16:00-16:20	Mahdi Kurd Tools for improving success rate of T&NK cell-based immunotherapies
Session 7	16:20-16:40	Yarden Engel Engineering T cells to utilize trehalose as an alternative carbon source to enhance Immunotherapy
	16:40-17:00	Hanan Jaber A novel NK cell-based immunotherapy
	17:00-17:20	Anastasia Komissarova Targeting dendritic cells to improve T cell priming
	17:20-17:40	Coffee Break
	Chair: Or Alfi	» Tumor microenvironment
	17:40-18:00	Yanyun Hao Regulatory T cells and dendritic cells cooperate to modulate the tumor microenvironment
Session 7	18:00-18:20	Kian Maroun Exploring the Impact of Tumor Suppressor WWOX on Shaping the Tumor Microenvironment in Pancreatic Ductal Adenocarcinoma
	18:20-18:40	Einat Cinnamon RORc expressing immune cells negatively regulate tertiary lymphoid structure formation and support their pro-tumorigenic functions
	18:40-21:00	Dinner + Free Time
	21:00	Evening activity



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DAY 3 27.2.2025

Session 8	6:45-8:40	Breakfast
	Chair: Shira kahlon	» Immunology
	8:40-9:00	Oded Shamriz Novel ACTB Variant Leads to β -Actin Degradation and Immune Dysregulation: Mechanistic Insights and Therapeutic Perspectives
	9:00-9:20	Ahmed Rishiq Recognition of fusobacterium nucleatum by NKp46
	9:20-9:40	Elad Zisman The physiology of RNA splicing in T lymphocytes
	9:40-10:00	Ophir Pick Ligand recognition by NK cells
	10:00-10:45	Stipan Jonjic CMV as a masterful manipulator of MHC I and its receptors
	10:45-11:15	Check Out + Coffee Break
	Chair: Ilan Stein	» Differentiation
	11:15-11:35	Stav Rabinovich Hepatocyte-to-Cholangiocyte Metaplasia: Unraveling Cellular Origins, Pathways, and Implications in Liver Disease and Regeneration
Session 9	11:35-11:55	Luriano Peters AML differentiation: Friend or Foe?
	11:55-12:15	Baraa Abu-Diab Decoding the Role of WWOX in Oligodendrocyte Maturation and Remyelination
	12:15	Departure