

The Annual Scientific Day of the MCCR

Date: Wednesday, 22.01.25

Location: Rubin Hall, Ein Karem Campus

09:00-09:25	Gathering and Light Breakfast	
09:25-09:30	Prof. Yossi Tam	Welcoming remarks
09:30-09:45	Prof. Esty Shohami	Cannabinoids Offer Neuroprotection after Traumatic Brain Injury
09:45-10:00	Prof. Elyad Davidson	Cannabis Use and Management of Anesthesia
10:00-10:15	Prof. Betty Schwartz	Phytocannabinoids Reduce Inflammation of Primed Macrophages and Enteric Glial Cells Mimicking an In Vitro Model of Inflammatory Bowel Disease
10:15-10:30	Prof. Rami Yaka	The Role of the Endocannabinoids System in Drug Addiction
10:30-10:45	Dr. Osnat Almogi-Hazan	Cannabinoids and Immunity: Promising Pre-Clinical Findings May Open the Door to Significant Clinical Applications
10:45-11:00	Prof. Ofra Benny	Cannabis and Cancer: A Scientific Exploration of Head and Neck Therapy
11:00-11:15	Prof. Francesca Levi-Schaffer	Anti-Fungal Activity of Abnormal Cannabinoids Against Candida Species
11:15-11:45	Coffee Break	
11:45-12:00	Prof. Avi Priel	Elucidating CBD's Analgesic Mechanism: Selective Targeting of Nociceptive NaV Channels
12:00-12:15	Prof. David Pollak	Can Cannabis Cure Periodontitis: In-Vitro Bioassays Predict In Vivo Efficacy
12:15-12:30	Prof. Avi Domb	Oral Formulations of Cannabinoids
12:30-12:45	Prof. Mona Dvir-Ginzberg	Unraveling Local and Central Effects of Cannabinoids to Mitigate Osteoarthritis
12:45-13:00	Prof. Amnon Hoffman	Effect of Oral Modes of Administration on the Pharmacokinetics of Cannabinoids
13:00-13:15	Prof. Yakir Rotenberg	Cannabis: From Bedside to Bench and Back Again?
13:15-14:15	Lunch and Poster Presentations	
14:15-14:30	Student Lecture #1 – Ariel Rothner	Dynamic Endocannabinoid Tone Response to Acute Kidney Injury and Maladaptive Repair: Therapeutic Potential of Peripheral Cannabinoid-1 Receptor Blockade
14:30-14:45	Student Lecture #2 – Tala Amawi	Identification of the TRPA1 Cannabinoid-Binding Site
14:45-15:45	Invited Speaker – Prof. Dr. Jürg Gertsch	Drug Discovery in the Endocannabinoid System: Bridging the Gap Between Dream and Reality
15:45-15:50	Prof. Yossi Tam	Concluding remarks and Award Ceremony

Poster Presentations

P1	Yumna Abu Ghanem	Regulation of CB1 Receptor by Novel Depression-mediating Protein, Neurensin-2
P2	Shridhar Betkar	Temporal Disruption of the Endocannabinoid System in a Mouse Model of ADPKD
P3	Samah Shahen-Zoabi	N-oleoyl Glycine and N-oleoyl Alanine Attenuate Alcohol Self-Administration and Preference in Mice
P4	Radka Kočvarová	Phytocannabinoid Therapy for MASLD: Insights from Lipidomics and Metabolomics
P5	Withdrawn	
P6	Goldie Wolfson	Changes in Metabolomics as a Mechanism for the Antibacterial Activity of Anandamide Against the Cariogenic <i>Bacterium Streptococcus mutans</i>
P7	Maayan Perkin	Perioperative Prospective Follow-Up of Cannabis Consumers
P8	Muhammad Abdel-Haq	Pharmacokinetics and clinical relevance of newly designed Cannabidiol (CBD) containing non-aqueous Liquid Pro-nano lipospheres (L-PNL)
P9	Eli Farhat	Ablation of Hypothalamic Cnr1 in Aging Male Mice Displayed Reduced Meniscal Bone Volume Associated with Reduced Articular Cartilage Damage
P10	Asaad Gammal	Peripherally Restricted Cannabinoid-1 Receptor Blockade Ameliorates Metabolic Syndrome via Adipocyte-associated Macrophage Differentiation and Hepatic AMPK Activation
P11	Prince Ofori	Antifungal Properties of Abnormal Cannabinoid Derivatives: Disruption of Biofilm Formation and Gene Expression in <i>Candida</i> Species
P12	Awanish Kumar	Solid Dispersible Formulations for Oral Delivery of Cannabidiol (CBD)
P13	Aseel Kashkush	Bifunctional Degradable Targeting CB1 for Cancer Therapy