



27th Annual Conference of  
The Israel Society of Biological Psychiatry  
March 27, 2024 | The Open University of Israel, Ra'anana

הכנס השנתי ה-27 של  
האיגוד הישראלי לפסיכיאטריה ביולוגית  
27 במרץ, 2024 | האוניברסיטה הפתוחה, רעננה



## תכנית - Program

08:30 - 9:00	Registration and Visit The Exhibition - Foyer			
9:00 -10:30	<b>Parallel Sessions</b>			
	<b>Session 1</b> The Chais Auditorium	<b>Session 2</b> The Kanbar Hall	<b>Session 3</b> Moshe Neudorfer Auditorium	<b>Session 4</b> Class 12
	<p><b>Autism and Social Functioning</b></p> <p>Chair: <b>Prof. Ravid Doron</b> <i>The Open University of Israel, Raanana</i></p> <p>Social cooperation inheritance as a key player to model autism-like symptoms <b>Avi Avital, The University of Haifa</b></p> <p>Ugh, what a huge and repulsive spider! The link between emotion regulation and spider size estimation <b>Yael Dror Ben-Baruch, The University of Haifa</b></p> <p>Shank3 mutation impairs oligodendrocyte properties and myelin development in ASD mouse model and human iPSCs-derived oligodendrocytes <b>Inbar Fischer, Tel Aviv University</b></p> <p>Extrinsic emotion regulation strategies among individuals with subclinical depression <b>Atheer Massarwe, The University of Haifa</b></p> <p>Not just a game: The effect of active versus passive virtual reality experiences on anxiety and sadness <b>Keren Nitzan, The Open University of Israel</b></p> <p>Psychedelic social cognition - meta analyses from animal models to humans <b>Leehe Peled-Avron, Bar Ilan University</b></p> <p>Metabonomic profiling and machine learning in ASD diagnosis: Toward precision treatment <b>Shula Shazman, The Open University of Israel</b></p> <p>Empathic disequilibrium is related to lower levels of hair oxytocin <b>Florina Uzefovsky, Ben-Gurion University</b></p>	<p><b>Depression and Suicidality</b></p> <p>Chair: <b>Dr. Joy Benatov</b> <i>The University of Haifa</i></p> <p>Sleep measures as a predictor of suicidal ideation among high-risk adolescents <b>Moriah Bar Nitsan, Hadassah Medical Organization</b></p> <p>Active and passive mobile monitoring for suicide risk among high-risk adolescents <b>Shira Barzilay, The University of Haifa</b></p> <p>Depressive symptoms are associated with differential cognitive and neuroanatomical alterations in young and older adults <b>Eyal Bergmann, Rambam Health Care Campus</b></p> <p>Alterations in serum endocannabinoids levels among individuals with major depression who receive electroconvulsive therapy <b>Esther Bloemhof-Bris, Lev Hasharon Mental Health Center</b></p> <p>Perinatal neuroplasticity of the triple network and its association with mood and anxiety disorders <b>Sharon Florentin, The Hebrew University of Jerusalem</b></p> <p>Distinct homotopic functional connectivity patterns of the amygdalar sub-regions as biomarkers in major depressive disorder <b>Maayan Harel, Sheba Medical Center</b></p> <p>Inflammatory markers as predictors of the efficacy of electroconvulsive therapy (ECT) in major depression patients <b>Revital Amiaz, Sheba Medical Center</b></p> <p>How do autoimmune diseases and depression cluster in families? A prospective trial <b>Einat Mader, HaEmek Medical Center</b></p>	<p><b>Stress and Trauma</b></p> <p>Chair: <b>Prof. Eyal Fruchter</b> <i>Rambam Health Care Campus</i></p> <p>Reconsidering PTSD pathophysiology and treatment in the light of recent events <b>Arieh Shalev, Hadassah University Hospital</b></p> <p>Connectome-based predictive modeling of PTSD development in recent trauma survivors <b>Ziv Ben-Zion, Yale School of Medicine</b></p> <p>Childhood trauma cortisol and immune cell glucocorticoid transcript levels are associated with increased risk for suicidality in adolescence <b>Tanya Goltser, Hadassah Medical Center</b></p> <p>Sleep disruption and physiological changes following mass-trauma: Insights from survivors of the "Nova" music festival massacre <b>Noa Magal, The University of Haifa</b></p> <p>Dog training alleviates PTSD symptomatology by emotional and attentional regulation <b>Inon Maoz, The University of Haifa</b></p> <p>Neural patterns differentiate traumatic from sad autobiographical memories in PTSD <b>Ofer Perl, Icahn School of Medicine</b></p> <p>Hyperbaric oxygen as an early intervention therapy to prevent PTSD-like behavior in acute stress rat model <b>Alice Elive, Mazor Mental Health Center</b></p> <p>Stress-induced change in heart-rate during sleep as an indicator of PTSD risk among combat soldiers <b>Lisa Simon, The University of Haifa</b></p>	<p><b>Psychiatric Illnesses</b></p> <p>Chair: <b>Prof. Avi Weizman</b> <i>Tel Aviv University</i></p> <p>Aperiodic and periodic components of oscillatory brain activity in relation to cognition and symptoms in pediatric ADHD <b>Ornella Dakwar-Kawar, Hebrew University of Jerusalem</b></p> <p>Computationally dissociable abnormalities in semantic representation and semantic retrieval in psychosis and formal thought disorder <b>Isaac Fradkin, Hebrew University of Jerusalem</b></p> <p>Effect of sub-chronic blockade of the ErbB pathway in adolescence on behavioral changes related to anxiety and depression in adult mice <b>Idit Golani, Braude College of Engineering</b></p> <p>Causal interplay between pain and distress in Fibromyalgia: An ecological momentary assessment (EMA) study in real-life settings <b>Shir Hanuka, University of Haifa</b></p> <p>The vascular-bipolar link: A nationwide population-based case-control study <b>Tamar Kornreich, Geha Mental Health Center</b></p> <p>Developing a machine-learning-based diagnostic tool for fibromyalgia using resting-state fNIRS: Insights into stress response mechanisms <b>Michal Weiss, The University of Haifa</b></p> <p>Mapping emotion dysregulation in ADHD: Ecological momentary assessments and cluster analysis unveil dynamic profiles of emotional variability <b>Neta Yitzhak, The Hebrew University</b></p> <p>Orthorexia and orthorexia nervosa: Prevalence, risk factors, diagnosis, treatment, and recent findings <b>Omer Horowitz, Tel-Hai Academic College</b></p>
10:30 - 11:00	Coffee break and visit the exhibition			
11:00 - 11:15	<b>Welcome and Opening Remarks</b> Dr. Renana Eitan, Chair of ISBP			
11:15 - 12:00	<b>Plenary</b>			
	<b>PTSD, depression and moral injury following the October 7 massacre: The race to prevent chronic psychopathology</b> Prof. Yuval Neria, Columbia University Irving Medical Center			
12:00-13:30	Lunch & poster session in the foyer and visit the exhibition			
13:30-14:30	<b>PTSD Panel I</b>			
	<b>Biological Basis of PTSD</b>			
	Chair: <b>Prof. Hagit Cohen, Ben-Gurion University</b>			
	<b>Prof. Irit Akirav, The University of Haifa</b>			
	<b>Prof. Rony Paz, The Weizmann Institute of Science</b>			
	<b>Dr. Or Duek, Ben-Gurion University</b>			
	<b>Prof. Gal Richter-Levin, The University of Haifa</b>			
	<b>Dr. Gali Umschwel, Hebrew University of Jerusalem</b>			
14:30-15:00	Coffee break and visit the exhibition			
15:00-16:00	<b>PTSD Panel II</b>			
	<b>Current Diagnosis and Treatment in PTSD</b>			
	Chair: <b>Prof. Roei Admon, The University of Haifa</b>			
	<b>Dr. Renana Eitan, Tel Aviv Sourasky Medical Center</b>			
	<b>Dr. Inbal Reuveni, Tel Aviv Sourasky Medical Center</b>			
	<b>Prof. Yair Bar Haim, Tel Aviv University</b>			
	<b>Prof. Danny Horesh, Bar-Ilan University</b>			
	<b>Prof. Sara Freedman, Bar-Ilan University</b>			
16:00-16:15	Prizes and farewell The Chais Auditorium			
16:15-16:45	אסיפה כללית של האיגוד The Chais Auditorium			