



האיגוד הישראלי לפסיכיאטריה ביולוגית BIOLOGICAL PSYCHIATRY

הכנס ה-19 של האיגוד הישראלי לפסיכיאטריה ביולוגית

מלון בטבע, הגושרים

ד-ו בניסן, תשע"ה, 24-26 במרץ, 2015

תכנית Program

**The 19th Annual Meeting of
The Israel Society for Biological Psychiatry**

Kibbutz Hagoshrim, March 24-26, 2015

**ועד האיגוד ומשתתפי הכנס מודים
לחברות הבאות על תמיכתן בכנס:**

יאנסן - Janssen

לונדבק - Lundbeck

סאנופי - Sanofi

אסטרזהניקה - Astrazeneca

אוניפארם - Unipharm

כ.צ.ט. תעשיות כימיות - CTS

מגאפארם - Megapharm

נ.ב.ט. - NBT New Bio Technology

ועד האיגוד:

גיל זלצמן, המרכז לבריאות הנפש גהה, יו"ר האיגוד

הוועדה המדעית:

גל שובל, המרכז לבריאות הנפש גהה

מיכל טלר, אוניברסיטת תל-אביב

שאולי לב-רן, ביי"ח שיבא

אבי אביטל, הטכניון, ביי"ח העמק

רננה איתן, ביי"ח הדסה

אתי גראואר, המכון למחקר ביולוגי בישראל

רביד דורון, אקדמית ת"א-יפו, האוני' הפתוחה

שחק יריב, מכון ויצמן, ביי"ח העמק

אמיר קריבוי, המרכז לבריאות הנפש גהה

אלון שמיר, ביי"ח מזרע, הטכניון

שיפי שור - מזכירת האיגוד

תכנית מיוחדת למתמחים המשתתפים בפרוייקט "מנהיגות מחקרית צעירה" במסגרת הכנס השנתי ה-19 של האגוד הישראלית לפסיכיאטריה ביולוגית, הגושים, 24-26 במרץ 2015

יום שלישי, 24 במרץ - למתמחים משתתפי התכנית בהזמנה בלבד - בחסות חברת יאנסן

סדנא ל"מנהיגות מחקרית צעירה" בפסיכיאטריה (נבחרי בתי החולים והחטיבות הפסיכיאטריות) - ד"ר יואב כהן, ד"ר רננה איתן, ד"ר שאולי לב-רן

10:00 - 10:30	אולם יסמין, התכנסות וארוחת בוקר קלה
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10:30 - 10:45	ברכות פרופ' גיל זלצמן, יו"ר האגוד הישראלית לפסיכיאטריה ביולוגית ד"ר שולמית גלרשטיין, מנהלת מחקר ופיתוח יאנסן, ישראל סקירת החידושים בתכנית מנהיגות מחקרית צעירה, ד"ר יואב כהן, ד"ר רננה איתן, ד"ר שאולי לב-רן, מרכזי תכנית המנהיגות הצעירה
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Personal career development: How to develop into a (clinical) scientist

Prof. René Kahn

Professor of Psychiatry, Chief Brain Center Rudolf Magnus, UMC Utrecht, The Netherlands

10:45 - 12:30

Sponsored by Janssen

12:30 - 14:00	עבודה עם מנטורים בקבוצות קטנות (כיבוד קל בלובי המלון החל מ-12:30 עד 14:00)
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יום רביעי, 25 במרץ - 7:00 ארוחת בוקר בחדר גולן למנהיגות המחקרית הצעירה (למוזמנים בלבד)

Meet the expert - personal career development

Prof. Naomi Fineberg

Consultant Psychiatrist and Visiting Professor of the University of Hertfordshire, UK

במשך היום - המשך עבודה עם מנטורים אישיים

יום חמישי, 26 במרץ - 7:00 ארוחת בוקר בחדר גולן למנהיגות המחקרית הצעירה (למוזמנים בלבד), סיכום והצגה של עבודה עם מנטורים אישיים

תכנית מיוחדת לחוקרים המשתתפים בפרוייקט "אשנב קליני לחוקרים"

יום רביעי, 25 במרץ - לחוקרים משתתפי התכנית בהזמנה בלבד

אולם דקל - מפגש פתיחה למחזור השני, אבחון ובדיקה פסיכיאטרית, ד"ר אחיקם אולמר, פרופ"מ אבי אביטל

14:30 - 16:00

הכנס השנתי ה-19 של האיגוד הישראלי לפסיכיאטריה ביולוגית

יום שלישי, 24 במרץ - March 24th

12:30-14:00 קבלת פנים והרשמה (קבלת חדרים החל מ-15:00)

14:00-15:30

אולם אורן
Session 1 מושב

Chair: Gal Richter-Levin

**Introduction to science fiction: Current and future applications of brain-machine interfaces (BCIs) in neuropsychiatry
(Including live demonstration)**
Gunther Krausz, g.tec medical engineering

15:30-16:00 הפסקת קפה ותצוגת חברות בלובי - Coffee break

16:00-17:30

אולם יסמין מושב 4 Session Jasmine Hall	אולם אורן 2 מושב 3 Session Oren Hall 2	אולם אורן 1 מושב 2 Session Oren Hall 1
Are cannabinoids good or bad? A critical review of preclinical and clinical studies Chairs: Aviv Weinstein, Irit Akirav Locomotor effects of CB2 receptor selective agonists in the phencyclidine model of schizophrenia Sharon Anavi-Goffer, <i>Ariel University</i> Cannabis, emotional disorders, psychosis and the brain Aviv Weinstein, <i>Ariel University</i> Targeting the endocannabinoid system: A novel approach to the treatment of stress-related disorders Irit Akirav, <i>University of Haifa</i> Cannabis and Mood disorders – the chicken and the egg Shauli Lev-Ran, <i>Sheba Medical Center</i>	PTSD - risk factors, neurobiological bases and novel therapies Chairs: Ehud Klein, Hagit Cohen Risk factors and early predictors Ehud Klein, <i>Rambam Medical Center</i> Secondary prevention of PTSD Joseph Zohar, <i>Sheba Medical Center</i> Neural networking in PTSD Talma Hendler, <i>Sourasky Medical Center</i>	Novel approaches to early identification and treatment of schizophrenia Chairs: Doron Gothelf, Ina Weiner Early detection and intervention in risk for schizophrenia: Encouraging data, unsettling concerns, and potential answers Danny Koren, <i>University of Haifa</i> Aberrant A-I Rna Editing Profile In The Brains Of Schizophrenia Patients: A Multi-Level Analysis In Two Different Cohorts Ran Barzilay, <i>Geha Mental Health Center</i> Early Intervention in the Prevention of Schizophrenia: an animal model perspective Ina Weiner, <i>Tel Aviv University</i> The emerging evidence for the role of copy number variations (CNVs) in the genetic etiology of schizophrenia Doron Gothelf, <i>Sheba Medical Center</i>

Coffee break 17:30-18:15 הפסקת קפה ותצוגת חברות בלובי -

אולם אורן 18:15 - 20:00

דברי ברכה: פרופ' גיל זלצמן, יו"ר האיגוד הישראלי לפסיכיאטריה ביולוגית
פרופ' משה קוטלר, יו"ר האיגוד הישראלי לפסיכיאטריה
ד"ר יעקב פולאקביץ', יו"ר נבחר האיגוד הישראלי לפסיכיאטריה של הילד והמתבגר

תעודת הוקרה של האיגוד למנטור המצטיין פרופ' משה רכבי

פרס האיגוד לעבודת מחקר מצטיינת (בחסות חברת סאנופי)

ועדת השיפוט: דורון גוטהלף - יו"ר, אהרון ולר, חגי חרמש, חגית כהן

Introduction: Gil Zalsman

Twenty years of neuroimaging research in schizophrenia: what have we learned?

René Kahn

Professor of Psychiatry, Chief Brain Center Rudolf Magnus, UMC Utrecht, The Netherlands

Sponsored by Sanofi

20:00 ארוחת ערב – Dinner

אולם אורן 21:00-23:00

Poster Session & desserts

Best poster competition

23:00 נפגשים בפאב

Posters List

1. **CRF involvement in the consolidation of a traumatic event in the fear circuit of rats**
Aisenberg N.¹, Louise - Sabban E.², Olsson E.², Akirav I.¹
¹Department of Psychology, University of Haifa, Haifa Israel; ²Department of Biochemistry and Molecular Biology, New York Medical College, ;
2. **Allostatic regulation of inhibition in the ventral hippocampus after combined Juvenile/Adult stress**
Albrecht A.^{1,2}, Maggio N.³, Çalışkan G.⁴, Richter-Levin G.^{1,2,5}, Segal M.⁶, Stork O.^{4,7},
¹Sagol Department of Neurobiology, University of Haifa; ²The Institute for the Study of Affective Neuroscience (ISAN); ³Department of Neurology, The Chaim Sheba Medical Center; ⁴Institute of Biology, Otto-von-Guericke-University Magdeburg, Magdeburg, Germany; ⁵Psychology Department, University of Haifa; ⁶Department of Neurobiology, The Weizmann Institute; ⁷Center for Behavioral Brain Sciences, Magdeburg, Germany;
3. **Seeking Rare Inherited Variants Associated with Schizophrenia**
Alkela A.¹, Olender T.², Mernick B.¹, Lancet D.², Lerer B.¹,
¹Biological Psychiatry Laboratory, Dept. of Psychiatry, Hadassah - Hebrew University Medical Center; ²Dept. of Molecular Genetics, Weizmann Institute of Science
4. **The search for safer alternatives to lithium: The anti-impulsive effects of ebselen in a rat behavioral model**
Amit B.^{1,2,3}, Barkus C.³, Sharp T.³,
¹Research Unit, Geha Mental Health Center; ²Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel; ³Pharmacology Department, Oxford University, Oxford, UK;
5. **Long-term alterations in GABAergic and glucocorticoid receptors' gene expression in a rat model of Posttraumatic stress disorder**
Ariel L.^{1,3}, Edut S.^{2,3}, Inbar S.^{1,3}, Richter-Levin G.^{1,2,3},
¹Psychology Department, University of Haifa; ²Neurobiology and Etiology Department, University of Haifa; ³The Institute for the Study of Affective Neuroscience (ISAN), Israel;
6. **A novel herbal treatment for anxiety: Pharmacological effects of C. Pinnatifida ethanol extracts**
Armoza Eilat S.¹, Doron R.^{3,4}, Rehavi M.^{1,2},
¹Department of Physiology and Pharmacology, Sackler Faculty of Medicine, Tel Aviv University; ²The Dr. Miriam and Sheldon G. Adelson Chair and Center for the Biology of Addictive Diseases; ³Dept. of Behavioral Science, The Academic Col. of Tel-Aviv Yaffo; ⁴Dept. of Education and Psychology, The Open University;
7. **The therapeutic impact of Liraglutide on cognitive and behavioral impairments in mice following mTBI**
Bader M. Rubovitch V. Tweedie D. Li Y. Greig N. Pick C.
¹Dept. of Anatomy and Anthropology, Sackler Faculty of Medicine, Tel-Aviv University, Israel; ²Drug Design and Development Section, IRP/NIA/NIH, Baltimore, Maryland, USA
8. **“State” and “trait” binge eating predict cocaine craving in rats**
Barnea R.^{1,2}, Bekker L.^{3,2}, Zifman N.^{1,2}, Marco A.^{1,2}, Yadid G.^{1,2}, Weller A.^{3,2},
¹Faculty of Life Sciences, Bar Ilan University, ²Gonda (Goldschmied) Brain Research Center, Bar Ilan University, ³Psychology Department, Bar Ilan University,
9. **Prefrontal correlates of addiction and the effect of subconvulsive electrical stimulation on cue-induced relapse in the rat conflict model**
Barnea-Ygaël N.¹, Waghmare R.¹, Waghmare I.¹, Gal R.¹, Zangen A.¹,
¹Department of Life Sciences, Ben-Gurion University of the Negev, Beer-Sheva, Israel;
10. **Aggressive Symptoms in Children with Tic disorders**
Benaroya-Milshtein N.^{1,2}, Shmuel-Baruch S.^{1,3}, Apter A.^{1,2}, Friling M.¹, Steinberg T.^{1,2},
¹The Matta and Harry Freund Neuropsychiatric Tourette Clinic, SCMC; ²Sackler Faculty of Medicine, Tel Aviv University; ³Department of Psychology, Bar Ilan University
11. **Impairments in the synthesis of complex I of the respiratory chain as a possible cause for mitochondrial dysfunction in schizophrenia**
Bergman O.¹, Karry R.¹, Ben-Shachar D.¹,
¹Laboratory of Psychobiology, the Ruth and Bruce Rappaport Faculty of Medicine, Technion;
12. **Autonomic Responsivity After Sleep Restriction – Effects of Trait Anxiety and Neuroticism**
Bergman O.¹, Cohen-Zion M.¹, Hairston I.¹,
¹Tel Aviv Yaffo Academic College;
13. **Hemispheric Processing of Idioms in Schizophrenia and Autism Spectrum Disorder**
Bezalel R.¹, Hermesh H.^{2,3}, Dolfin D.², Hess S.², Vishne T.⁴, Mashal N.^{1,5},
¹School of Education, Bar-Ilan University, Ramat-Gan; ²Geha Mental Health Center, Petah-Tikva; ³Sackler Faculty of Medicine, Tel-Aviv University; ⁴Maayani-Hayeshua Medical Center; ⁵Gonda Multidisciplinary Brain Research Center, Bar-Ilan University;
14. **Clinical, demographic and laboratory predictors for response to clozapine treatment in schizophrenia patients: a retrospective analysis**
Brauner R.¹, Fishcel T.^{1,2}, Weizman A.^{1,2,3}, Taler M.^{1,3}, Krivoy A.^{1,2,3},
¹Sackler Faculty of Medicine, Tel-Aviv University; ²Geha Mental Health Center; ³Biological Psychiatry Lab, Felsenstein Medical Research Center;
15. **Searching for anxiety and depression patterns in ERPs of adult Post Traumatic Stress Disorder (PTSD):**
Danon S.^{1,2}, Amit A.^{1,3,5}, Caspi Y.⁴, Klein E.⁴, Richter-Levin G.^{1,2,3},
¹The Institute for the Study of Affective Neuroscience (ISAN), University of Haifa, Israel; ²Psychology Department, University of Haifa, Israel; ³Sagol Department of Neurobiology, University of Haifa, Israel; ⁴Department of Psychiatry, Rambam Medical Health Center, Haifa, Israel; ⁵Elminda LTD, Herzliya, Israel;
16. **The effects of SIRT6 overexpression on memory and behavior in young and aged mice**
Dikshtein Y.¹, Marton D.¹, Franko M.², Huly A.², Cohen R.², Kermesh K.¹,
Levanon E.¹, Doron R.²,
¹The Mina & Everard Goodman Faculty of Life Sciences, Bar-Ilan University; ²School of Behavioral Sciences, Academic College of Tel Aviv-Yaffo, Tel-Aviv, Israel;
17. **Behavioral consequences (for risk taking) of unilateral tDCS-induced activation depend on baseline activation level**
Dorman S.¹, Tomer R.¹,
¹Dept. of Psychology, University of Haifa;

18. **The Dentate gyrus in chronic pain – between sensing and experiencing**
Edut S.¹, Ritter A.³, Kigel-Tsur K.⁴, Meilin .⁴, Richter-Levin G.^{1,2,3},
¹The Sagol Department of Neurobiology, Faculty of Natural Sciences, University of Haifa;
²The Institute for the Study of Affective Neuroscience (ISAN), University of Haifa,;
³Department of Psychology, Faculty of Social Sciences, University of Haifa; ⁴Neurology
Service, MD Biosciences Ltd, Nes-Ziona, Israel;
19. **Chronic cannabinoid treatment after a traumatic event can reverse the stress-
induced behavioral response**
Fidelman S.¹, Akirav I.¹,
¹Department of Psychology, University of Haifa;
20. **The effect of antidepressant herbal treatment on brain Monoamineoxidase activity in
mice**
Franko M.¹, Versano Z.^{1,3}, Rehavi M.^{3,4}, Doron R.^{1,2},
¹School Of Behavioral Science the Academic College Tel Aviv Yaffo; ²Dep. Of Education
and Psychology, the Open University; ³Department of Physiology and Pharmacology,
Sackler Faculty of Medicine, Tel Aviv University; ⁴The Dr. Miriam and Sheldon G.
Adelson;
21. **Unilateral STN DBS effects on risk-taking, affect and motor symptoms in patients
with Parkinson's Disease**
Gelbard H.¹, Hassin-Baer S.^{2,3,4,5}, Cohen O.^{2,3,4,5}, Israeli-Korn S.^{2,3,4}, Elinx-Benizri S.^{2,3,4},
Yahalom G.^{2,3,4,5}, Spiegelmann R.^{3,5}, Tomer R.¹,
¹Department of Psychology, University of Haifa; ²The Movement Disorders Institute; ³The
Department of Neurosurgery; ⁴The Sagol Neuroscience Center and Department of
Neurology; Chaim Sheba Medical Center, Tel Hashomer; ⁵Sackler Faculty of Medicine,
Tel-Aviv University, Tel-Aviv;
22. **Disruption of the ErbB signaling in adolescent mice affect alcohol preference but not
avoidance learning**
Golani I.¹, Tadmor H.^{2,3}, Dvir E.³, Kremer I.^{2,4}, Shamir A.^{2,4},
¹Department of Biotechnology, ORT Braude College, Karmiel, Israel; ²Psychobiology
Research Laboratory, Mazra Mental Health Center, Akko, Israel; ³Faculty of Medicine in
the Galilee, Bar-Ilan University, Zefat, Israel; ⁴The Ruth and Bruce Rappaport Faculty of
Medicine, Technion - Israel Institute of Technology, Haifa;
23. **ErbB signaling inhibition ameliorate behavioral deficit induced by phencyclidine
(PCP) in mice**
Tadmor H.^{1,2}, Golani I.³, Kremer I.^{1,4}, Shamir A.^{1,4},
¹Psychobiology Research Laboratory, Mazra Mental Health Center, Akko, Israel; ²Faculty
of Medicine in the Galilee, Bar-Ilan University, Zefat, Israel; ³Department of
Biotechnology, ORT Braude College, Karmiel, Israel; ⁴The Ruth and Bruce Rappaport
Faculty of Medicine, Technion - Israel Institute of Technology, Haifa;
24. **Getting in touch: empathy predicts an experimental pain reduction during touch**
Goldstein P.^{1,3}, Shamay-Tsoory S.¹, Yellinek S.¹, Weissman-Fogel I.²,
¹Department of Psychology (University of Haifa, Haifa, Israel); ²Faculty of Social
Welfare and Health Sciences (University of Haifa, Israel); ³Department of Statistics
(University of Haifa, Haifa, Israel);
25. **Memory replacement by post-retrieval counterconditioning: a new approach of
relapse prevention.**
Goltseker K.¹, Levy L.¹, Barak S.^{1,2},
¹School of Psychological Sciences, Tel Aviv University; ²The Sagol School of
Neuroscience, Tel Aviv University;
26. **Enhanced hippocampal GluA1 expression and altered synaptic plasticity accompany
early-onset cognitive impairment in Submissive mice**
Gross M.¹, Shenin A.^{2,3}, Nesher E.¹, Tikhonov T.¹, Baranes D.¹, Michaelovski I.^{2,3},
Pinhasov A.¹,
¹Department of Molecular Biology, Ariel University; ²Department of Biochemistry and
Molecular Biology, Tel-Aviv University; ³Sagol School of Neuroscience, Tel-Aviv
University;
27. **Alterations in GAD65 within limbic regions in response to 'Controllable vs.
Uncontrollable stress' in adult rats.**
Hadad-Ophir O.^{1,3}, Brande-Eilat N.², Richter-Levin G.^{1,2,3},
¹Neurobiology and Etiology Department, University of Haifa; ²Department of psychology,
University of Haifa; ³The Institute for the Study of Affective Neuroscience (ISAN);
28. **Cognitive and Neurobiological Changes Associated with Extensive Use of
Smartphones**
Hadar A.^{1,2}, Eliraz D.¹, Avi L.¹, Uri A.¹, Abraham Z.¹,
¹Ben Gurion University, Be'er Sheva, Israel; ²City University London, UK;
29. **The anxiolytic effects of clonazepam or NHT in relations to GABAA receptor density
in the mice brain**
Handelsman A.², Toledano R.¹, Franko M.^{1,2}, Savar A.³, Doron R.^{1,2}, Rehavi M.^{3,4},
¹School Of Behavioral Science the Academic College, Tel Aviv Yaffo; ²Dep. Of Education
and Psychology, the Open University.; ³Department of Physiology and Pharmacology,
Sackler Faculty of Medicine, Tel Aviv University; ⁴The Dr. Miriam and Sheldon G.
Adelson Chair and Center for the Biology of Addictive Diseases;
30. **MRI study of SR141716A-induced hyperactivity in mice**
Harpaz T.^{1,2}, Hajbi M.¹, Sasson E.³, Blumenfeld-Katzir T.³, Greig I.⁴, Fride E.¹,
Anavi-Goffer S.¹,
¹Department of Behavioral Sciences, Ariel University, Ariel, Israel; ²The Mina and
Everard Goodman Faculty of life Sciences, Bar-Ilan University, Ramat-Gan, Israel;
³BiolImage Company, Haifa; ⁴School of Medical Sciences, Institute of Medical Sciences,
University of Aberdeen, Aberdeen, UK;
31. **Diet-dependent opposite effects of nitric oxide on feeding after satiation**
Hazut N.^{1,2}, Susswein A.^{1,2}, Shbiro L.¹, Weller A.^{1,3},
¹Gonda Brain Research Center; ²Goodman Faculty of Life Sciences; ³Department of
Psychology, Bar Ilan University, Ramat-Gan, 52900, Israel;
32. **Seasonal pattern of manic episode admissions among Bipolar I disorder patients is
associated with male gender and higher rates of psychotic features**
Hochman E.^{1,2}, Weizman A.^{1,2,3}, Krivoy A.^{1,2,3},
¹Geha Mental Health Center, Petach-Tikva, Israel; ²Sackler Faculty of Medicine, Tel-Aviv
University, Tel-Aviv, Israel; ³Felsenstein Medical Research Center, Petach-Tikva, Israel;

33. **Cardiac steroids and the Na⁺, K⁺ -ATPase in the manic phase of bipolar disorder**
Hodes A.¹, Rosen H.², Ovadia H.³, Lifschytz T.⁴, Deutsch J.⁵, Lichtstein D.¹,
¹Department of Medical Neurobiology, The Hebrew University of Jerusalem, Israel;
²Department of Microbiology and Molecular Genetics, The Hebrew University of Jerusalem, Israel; ³Deptment of Neurology, The Hebrew University of Jerusalem, Israel;
⁴Department of Psychiatry, The Hebrew University of Jerusalem, Israel; ⁵Institute for Drug Research, School of Pharmacy, The Hebrew University of Jerusalem, Israel;
34. **The Association between Creatine Phospho Kinase (CPK), Mood and Psychosis**
Hollander S.¹, Hochman E.^{1,2}, Tromer S.¹, Hermesh H.^{1,2}, Weizman A.^{1,2,3}, Krivoy A.^{1,2,3},
¹Sackler Faculty of Medicine, Tel-Aviv University; ²Geha Mental Health Center;
³Biological Psychiatry Lab, Felsenstein Medical Research Center;
35. **ADHD, Self-Efficacy and Gender Differences as predictors for weight loss after Bariatric Surgery**
Kaizler-Martin S.¹, Steinmann .², Feldman .³, Avitsur-Hamiel .⁴,
¹Tel-Aviv Yaffo Academic College; ²Kaplan Medical Center; ³Tel-Aviv Yaffo Academic College, Kaplan Medical Center; ⁴Tel-Aviv Yaffo Academic College;
36. **The effects of the atypical antipsychotic asenapine in a strain-specific battery of tests for mania-like behaviors**
Kara N.^{1,2,3}, Ene H.^{3,4}, Einat H.^{1,2,3,5},
¹Department of Clinical Biochemistry and Pharmacology, Ben-Gurion University of the Negev, Beer-Sheva; ²Psychiatry Research Unit, Ben-Gurion University of the Negev, Beer-Sheva, Israel; ³School of Behavioral Sciences, Tel-Aviv Yaffo Academic College, Israel;
⁴Department of Psychology, Tel-Aviv University, Tel-Aviv; ⁵College of Pharmacy, University of Minnesota, Minneapolis, Minnesota, USA;
37. **Structural network and graph theory application in PTSD**
Keadan T.¹, Reuveni I.², Giesser R.², Bonne O.², Goelman G.¹,
¹MRI Lab, Hadassah Hebrew University Medical Center Jerusalem, Israel.; ²Department of Psychiatry Hadassah Hebrew University Medical Center Jerusalem, Israel.;
38. **Understanding the neural underpinning of the consoling effects of human touch on physical pain- A hyperscanning fMRI study**
Korisky A.¹, Weissman-Fogel .², Eran A.³, Efraty B.¹, Ron A.¹, Shamay-Tsoory S.¹,
¹Department of Psychology, University of Haifa; ²Faculty of Social Welfare and Health Studies, University of Haifa; ³Departments of Radiology, Rambam Medical Center, Haifa;
39. **Histone Deacetylase inhibitor sodium butyrate attenuates social deficits in the BTBR mouse model and regulates the transcriptic control of the excitatory/inhibitory balance in the prefrontal cortex**
Kratsman N.Getselter D.Elliott E.
¹Faculty of Medicine, Bar Ilan University;
40. **Diffusion Tensor Imaging of Catatonic and Non-Catatonic Schizophrenia Patients**
Krivoy A.^{1,2}, Shrot S.^{2,3}, Avrahami M.¹, Last D.³, Guez D.³, Daniels D.³, Mardor Y.^{2,3}, Fischel T.^{1,2},
¹Geha Mental Health Center; ²Sackler Faculty of Medicine, Tel-Aviv University; ³Sheba Medical Center;
41. **Prenatal exposure to Chlorpyrifos elicits gender specific behavioral alterations in adulthood in mice**
Lan A.¹, Kofman O.¹, Dori A.²,
¹Department of Psychology and Zlotowski Center for Neuroscience, Ben-Gurion University of the Negev; ²Talpiot Medical Leadership Program, Department of Neurology and Joseph Sagol Neuroscience Center;
42. **Differential roles of the infralimbic and paralimbic areas in reconsolidation of traumatic memory**
Levin N.¹, Akirav I.², Maroun M.³,
¹Department of Psychology, University of Haifa ; ²Department of Psychology, University of Haifa ; ³Sagol Department of neurobiology, University of Haifa;
43. **Alterations in Expression of a Neurodevelopmental Gene Exert Long-Lasting Effects on Cognitive-Emotional Phenotypes and Functional Brain Networks: Translational Evidence from the Ah1 knockout mouse**
Lotan A.¹, Lifschytz T.¹, Mernick B.¹, Lory O.², Goelman G.², Lerer B.¹,
¹Biological Psychiatry Laboratory, Hadassah-Hebrew University Medical Center, Jerusalem, Israel; ²MRI Lab, Medical Biophysics, Hadassah-Hebrew University Medical Center, Jerusalem, Israel;
44. **Predator scent stress, ethanol consumption and the opioid system in an animal model of PTSD**
Manjoch H.^{1,2}, Matar .², Ifergan .³, Joseph .⁴, Kaplan .², Cohen .^{1,2},
¹Ben-Gurion University of the Negev, Department of Psychology, Beer Sheva; ²Beer-Sheva Mental Health Center, Anxiety and Stress Research Unit, Ben-Gurion University; ³Headache Clinic, Department of Neurology, Soroka Medical Centre, Ben-Gurion University; ⁴The Chaim Sheba Medical Center, Sackler Medical School, Tel-Aviv University, Tel Hashomer;
45. **Insights into neural mechanisms underlying late-life depression: Impacts of chronic mild stress on affect measures in a translational rodent model**
Mernick B.¹, Lotan A.¹, Lifschytz T.¹, Wolf G.¹, Wasserman E.¹, Lerer B.¹,
¹Biological Psychiatry Laboratory, Hadassah-Hebrew University Medical Center;
46. **Insulin-like growth factor 1 differentially affects lithium sensitivity of lymphoblastoid cell lines from lithium responder and non-responder bipolar disorder patients**
Milanesi E.^{1,2}, Hadar A.¹, Maffioletti E.³, Werner H.¹, Shomron N.^{2,4}, Gennarelli M.^{3,5}, Del Zompo M.^{6,7}, Squassina A.⁶,
¹Department of Human Genetics and Biochemistry, Sackler Faculty of Medicine, Tel Aviv University; ²Department of Cell and Developmental Biology, Sackler Faculty of Medicine, Tel Aviv University; ³Genetic Unit, IRCCS Istituto Centro San Giovanni di Dio Fatebenefratelli, Brescia, Italy; ⁴Sagol School of Neuroscience, Tel Aviv University; ⁵Departement of Molecular and Translational Medicine, University of Brescia, Brescia, Italy; ⁶Section of Neuroscience and Clinical Pharmacology, University of Cagliari, Cagliari, Italy; ⁷Unit of Clinical Pharmacology of the University Hospital of Cagliari, Cagliari, Italy;

47. **The involvement of MicroRNAs in gene dysregulation in Autistic Syndrome Disorder**
Mor M.¹, Elliott E.²,
48. **Identifying the most effective component of a novel herbal treatment for depression and anxiety disorders and its influence on Serotonin transporter and BDNF levels in mice brain**
Kazum S.¹, Toledano R.¹, Tal N.¹, Armoza S.², Rehavi M.^{2,3}, Doron R.^{1,4},
¹School Of Behavioral Science the Academic College. Tel Aviv Yaffo; ²Department of Physiology and Pharmacology, Sackler Faculty of Medicine, Tel Aviv; ³The Dr. Miriam and Sheldon G. Adelson Chair and Center for the Biology of Addictive Diseases; ⁴Dep. Of Education and Psychology, the Open University;
49. **A novel herbal treatment: identifying the most effective antianxiety and antidepressant herb component**
Navot H.¹, Feldman S.¹, Rehavi M.^{2,3}, Doron R.^{1,4},
¹School of Behavioral Science the Academic College Tel Aviv Yaffo; ²Department of Physiology and Pharmacology, Sackler Faculty of Medicine, Tel Aviv University; ³The Dr. Miriam and Sheldon G. Adelson Chair and Center for the Biology of Addictive Diseases; ⁴Dept. of Education and Psychology, The Open University;
50. **Effects of menstrual cycle phase on social perception – preliminary results**
Oren C.¹, Richtman M.¹, Linkovsky L.¹, Shamay-Tsoory S.¹,
¹Department of Psychology, University of Haifa;
51. **Locomotor, anxiety, and risk assessment related phenotyping and striatal transcriptome analysis in four autism mouse models**
Oron O.Elliott E.
¹Bar-Ilan Faculty of medicine;
52. **A novel herbal treatment reduces depressive and anxiety-like behaviors and increases ITGB3 levels in the prefrontal cortex of stressed mice**
Oved K.^{1,2}, Versano Z.^{3,4}, Franko M.³, Rehavi M.^{4,5}, Gurwitz D.^{1,6}, Shomron N.^{2,6}, Doron R.^{3,7,8},
¹Department of Human Genetics and Biochemistry, Sackler Faculty of Medicine, Tel-Aviv University; ²Department of Cell and Developmental Biology, Sackler Faculty of Medicine, Tel-Aviv University; ³School of Behavioral Sciences, Academic College of Tel Aviv-Yaffo; ⁴Department of Physiology and Pharmacology, Sackler Faculty of Medicine, Tel-Aviv University; ⁵The Dr. Miriam and Sheldon G. Adelson Chair in the Biology of Addictive Diseases Tel-Aviv University; ⁶Sagol School of Neuroscience, Tel-Aviv University; ⁷Department of Education and Psychology, The Open University of Israel, Raanana; ⁸School of Health and Life Sciences, Hadassah Academic College;
53. **A novel herbal treatment reduce anxiety, sickness behavior, and TNF-alpha plasma responses to LPS in mice**
Paley S.¹, Rivkin I.², Franko M.², Ben-Eliyahu S.¹, Doron R.^{2,3},
¹Department of Psychology, Tel-Aviv University, Ramat-Aviv, Tel Aviv, Israel; ²School of behavioral science, College of Tel-Aviv Yaffo, Israel; ³Department of education and psychology, The Open University, Ra'anana, Israel;
54. **NAlysis and RDoC projects**
Peled A.
¹Rappaport Faculty of Medicine, Technion, Israel Institute of Technology, Haifa, Israel;
55. **Risk taking and risk attitude in people with ADHD**
Pollak Y.¹, Oz A.², Nave O.², Raber H.², Tal N.², Shoham R.²,
¹School of Education, The Hebrew University of Jerusalem; ²Dept. of Psychology, The Hebrew University of Jerusalem;
56. **The therapeutic impact of Exendin-4 on mice subjected to blast traumatic brain injury**
Rachmany L.¹, Rubovitch V.¹, Tweedie D.², Greig N.H.², Pick C.G.¹
¹Dept. of Anatomy and Anthropology, Sackler Faculty of Medicine, Tel-Aviv University; ²Drug Design and Development Section, Laboratory of Neurosciences, Intramural Research Program, Natio;
57. **Methylphenidate administration before trauma exposure attenuates anxious reactions to a reminder one month later**
Ritov G.^{1,3}, Boltyansky B.^{1,3}, Richter-Levin G.^{1,2,3},
¹Neurobiology and Etiology Department, University of Haifa, Israel; ²Psychology Department, University of Haifa, Israel; ³The Institute for the Study of Affective Neuroscience (ISAN) ;
58. **The Myth of medical models of psychopathology**
Rofe J.¹,
¹Bar Ilan University;
59. **The loss of chromatin organizer protein CTCF in the hippocampus leads to impaired memory and dysregulation of memory genes**
Sams D.¹, Nardone S.¹, Getselter D.¹, Raz D.², Tal M.², Hakim O.², Elliott E.¹,
¹Bar Ilan University Faculty of Medicine; ²Bar Ilan University Department of Life Sciences;
60. **Cannabinoids prevent the effects of exposure to trauma and trauma reminders on extinction and plasticity**
Shoshan N.¹, Segev A.¹, Abush H.¹, Akirav I.¹,
¹Department of Psychology, University of Haifa;
61. **Evaluating the side effects of fast onset treatment for depression and anxiety compared to SSRI**
Simon N.¹, Gdalia H.¹, Doron R.^{1,2},
¹School of Behavioral Science, the Academic College of Tel-Aviv Yaffo, Israel; ²Department of Education and Psychology, The Open University, Ra'anana, Israel;
62. **Amantadine Augmentation Therapy for Obsessive Compulsive Patients Resistant to SSRIs**
Stryjer R.¹, Budnik D.¹, Ebert T.¹, Gizunterman A.¹,
¹Beer Yaakov- Ness Ziona Mental Health Center; ²Sackler School of Medicine, Tel Aviv University;

- 63. Maternal diet-induced obesity (DIO) in rats leads to alterations in the regulation of melanocortin 4 receptor (Mc4r) of the offspring**
Tabachnik T.^{1,2}, Marco A.^{1,2}, Kisliouk T.⁴, Meiri N.⁴, Weller A.³,
¹Faculty of Life Sciences; ²Gonda Brain Res Center; ³Department of Psychology, Bar Ilan University, Ramat-Gan, Israel 52900; ⁴Department of Psychology, Bar Ilan University;
⁵ Institute of Animal Science, ARO, The Volcani Center, Bet Dagan;
- 64. Attitudes regarding herbal treatment for depression and anxiety**
Toledano R.¹, Sagiv-Schifter T.¹, Doron R.^{1,2},
¹School Of Behavioral Science the Academic College, Tel Aviv Yaffo; ²Dep. Of Education and Psychology, the Open University.;
- 65. Differential Age-Related Effect of Chronic Mild Stress on Hippocampal-Dependent Learning: Insights from preliminary results of young and old female mice**
Wolf* G.¹, Lifschytz* T.¹, Lotan A.¹, Mernick B.¹, Wasserman E.¹, Lerer B.¹,
¹Biological Psychiatry Laboratory, Hadassah-Hebrew University Medical Center, Jerusalem;
- 66. Early intervention prevents both schizophrenia- and depression-like behavioral abnormalities in the offspring of dams exposed to post-partum immune stimulation**
Wolff N.¹, Jacobovich E.¹, Doron R.², Weiner I.¹,
¹School of Psychological Sciences and Sagol School of Neuroscience, Tel Aviv University, Israel; ²School of Behavioral Science, the Academic Col. of Tel-Aviv Yaffo, Israel;
- 67. New approach for treating addiction using novel delta-opioid peptides**
Zada M.^{1,2}, Hevroni Y.³, Barnea R.^{1,2}, Bareli T.^{1,2}, Firer M.³, Yadid G.^{1,2},
¹The Mina and Everard Goodman Faculty of Life Sciences, Bar-Ilan University,; ²The Leslie and Susan Gonda Multidisciplinary Brain Research Center, Bar-Ilan University;
³The Department of Chemical Engineering & Biotechnology, Ariel University of Samaria
- 68. Cell-Free DNA (CFD) levels – a potential Bio-marker for Blast wave-induced minimal traumatic brain injury (mTBI) and post-traumatic stress disorder (PTSD) in an innovative rat model**
Zuckerman A.¹, Ram O.², Sadot O.², Matar M.¹, Kaplan Z.¹, Douvdevani A.³, Cohen H.¹,
¹Department of Anxiety and Stress Research Unit, Beer-Sheva Mental Health Center, Ministry of Health ; ²Department of Mechanical Engineering Ben-Gurion University of the Negev, Beer Sheva, Israel.; ³Department of Clinical Biochemistry, Soroka University Medical Center and Faculty of Health Sciences;
- 69. Generating original ideas: the neural underpinning of originality**
Mayseless N.¹, Shamay-Tsoory S.¹,
¹Department of Psychology, University of Haifa;

יום רביעי, 25 במרץ, March 25th

8:30-12:00 סדנא בחסות ה-EPA בנושא מניעת אובדנות, תתקיים באולם ברוש, בניין קורן
EPA Itinerant CME Course: *New Perspectives in Suicide Prevention*
Marco Sarchiapone, Vladimir Carly & Alan Apter
 מוגבל ל-30 משתתפים בהרשמה מראש. התכנית המדעית בעמוד האחרון.

7:45-8:30 סדנת בוקר בנושא הנומנקלטורה החדשה של התרופות הנווירו-פסיכיאטריות, פרויקט ה-ECNP, תתקיים באולם יסמין
 מרצה פרופ' יוסי זוהר
 בהרצאה יחולק ספר הנומנקלטורה בחינם למשתתפים ואפליקציה חינוכית לסלולר ותיעשה הדרכה בשימוש בה ע"י המפתחת של האפליקציה.

8:30-9:45		
אולם אורן 1 מושב 5 Session Oren Hall 1	אולם אורן 2 מושב 6 Session Oren Hall 2	אולם יסמין מושב 7 Session Jasmine Hall
Neurobehavioral constructs across psychiatric disorders Chairs: Eiran Harel, Roe Admon Cortico-striatal tracking of mood fluctuations at rest and its disturbance in depression Roe Admon, <i>McLean Hospital and Harvard Medical School</i> Domain general regulatory role of the Dorso-Medial Prefrontal Cortex: implication to mood disorders Eiran Harel, <i>Be'er Yaakov Mental Health Center</i> A system regulation view of motivation: Clinical implication in psychiatry Tal Gonen, <i>Tel Aviv University</i> Oxytocin and the Brain Basis of PTSD; Testing Mechanisms and Implications for Intervention Moranne Eidelman-Rothman, <i>Bar Ilan University</i>	Clinical update I: New frontiers in addiction treatment Chairs: Shauli Lev-Ran, Rami Yaka Hijacked synaptic mechanisms by drugs of abuse as a target for new interventions – synaptic plasticity and beyond Rami Yaka, <i>Hebrew University</i> Neurobiology of addiction as a basis for available and emerging pharmacological interventions Shauli Lev-Ran, <i>Sheba Medical Center</i>	The 7th National Basic Science Competition for Residents Chair: Gal Shoval Head of the Jury: Joseph Zohar Referees: R.H. Belmaker, O. Bonne, I. Kremer, B. Lerer, G. Lubin, Y. Levkovitz, J. Poliakovitz, A. Weizmann, Z. Zemishlany, J. Zohar The risk for readmission in schizophrenia patients treated with long-acting injectable (typical or atypical) vs. oral antipsychotics Roy Onn, <i>Geha</i> Difference in inflammatory cytokine production by mononuclear cells from obese and non-obese schizophrenic patients Hadi Elliot, <i>Abarbanel</i> Difference in reading the mind in the eye of schizophrenic and schizoaffective patients; a pilot study Tzameret Dadon Vinar, <i>Mazra</i> Is Borderline Personality Disorder a complex type of ADHD? An investigation into the cognitive pattern of the disorders and the potential effect of Methylphenidate. Yael Lewis, <i>Shalvata</i>

9:50-11:00		
אולם יסמין מושב 10 Jasmine Hall Session	אולם אורן 2 מושב 9 Oren Hall 2 Session	אולם אורן 1 מושב 8 Oren Hall 1 Session
The 7th National Basic Science Competition for Residents (continue) A double-blind placebo-controlled trial of metoclopramide as treatment for clozapine-induced hypersalivation Vitaly Mirkin, <i>Tirat Carmel</i> Facebook and suicidality Anda Masler, <i>Schneider</i> Identifying potential genes involved in the pathophysiology of childhood onset Schizophrenia (COS) Tanya Shechter, <i>Eitanim-Kfar Shaul</i> Comparative blood microRNA expression profiling in PTSD Amit Shalev, <i>Hadassa</i>	Basic science update I: Epigenetics Chair: Aron Weller The story of DNA Methylation Amalya Tabib, <i>Hebrew University</i> Epigenetic in Psychiatric Illness: From Bench to Bedside Inna Gaizler Salomon, <i>University of Haifa</i>	Treatment-response and biology of schizophrenia Chairs: Michal Taler, Amir Krivoy Review of novel pharmacological targets of future therapeutic agents in schizophrenia Hilik Levkovitz, <i>Be'er Yaakov Mental Health Center</i> Development of a novel animal model of resistant schizophrenia Michal Taler, <i>Tel Aviv University</i> Clinical and Biological Predictors of Clozapine Treatment Response among Patients with Schizophrenia. Amir krivoy <i>Geha Mental Health Center</i> The ErbB signaling as a novel drug development target in schizophrenia Alon Shamir, <i>Mazra Mental Health Center</i>

Coffee break – הפסקת קפה ותצוגת חברות 11:00-11:30

11:30-12:45		
אולם יסמין מושב 13 Jasmine Hall Session	אולם אורן 2 מושב 12 Oren Hall 2 Session	אולם אורן 1 מושב 11 Oren Hall 1 Session
<p>Hyperbaric and normobaric oxygen in neurology, schizophrenia and depression: new logic for an old idea Chairs: Haim Belmaker, Abraham Weizman</p> <p>Normobaric Oxygen Treatment of Depression Yehudit Bloch, <i>Ben Gurion University</i></p> <p>Hyperbaric Oxygen in CNS Disorders Shai Efrati, <i>Tel Aviv University and Assaf Harofe Medical Center</i></p> <p>Normobaric Hyperoxia Treatment of Schizophrenia Haim Belmaker, <i>Hadassah-Hebrew University Medical center</i></p>	<p>Basic science update II: MiRNA Chair: Michal Taler</p> <p>Smart micro-RNAs in Biological Psychiatry Hermona Sorek, <i>Hebrew University</i></p> <p>Recipient of the Rappaport bio-medicine award for 2015</p>	<p>Social cognition, oxytocin and in between Chairs: Simone Shamay-Tsoory, Haggai Maoz</p> <p>Effects of social interaction on extinction of fear: role of medial prefrontal cortex oxytocin Mouna Maroun, <i>University of Haifa</i></p> <p>Electrophysiological basis of social behavior in social phobia Avi Goldstein, <i>Bar Ilan University</i></p> <p>Synchrony in social interactions Yulia Goland, <i>Interdisciplinary Center Herzliya</i></p> <p>The role of oxytocin in anthropomorphism in autism Lehee Peled, <i>University of Haifa</i></p> <p>Oxytocin in conduct disorders Tomer Levy, <i>Shalvata Mental Health Center</i></p>

אולם אורן 13:00-14:00
<p>Chair: Omer Bonne</p> <p>Individualized treatment of Bipolar Disorder Dina Popovich <i>Bipolar disorders program, University of Barcelona, Spain</i></p>

14:00-14:45 - ארוחת צהריים בלובי המלון

14:15-16:15 - מטיילים בטבע, נחל עיון, מפל התנור. יציאה לטיול באוטובוס (ללא תשלום)

16:30-17:45		
אולם יסמין מושב 16 Jasmine Hall Session	אולם אורן 2 מושב 15 Oren Hall 2 Session	אולם אורן 1 מושב 14 Oren Hall 1 Session
Gender differences in psychiatric disorders Chairs: Miki Bloch, Galila Agam Treatment for PMDD - the old ways and new approaches Miki Bloch, <i>Tel Aviv Medical Center</i> Tokophobia - Treating childbirth fear Gabi Aisenberg Romano, <i>Tel Aviv Medical Center</i> Treatment for depression during pregnancy and the long-term implications of lack of treatment Vered Bar, <i>Sheba Medical Center</i>	Clinical update II: Pharmacogenetics and Personalized Medicine Chair: Bernard Lerer Introduction Bernard Lerer, <i>Hadassa Medical Center</i> Pharmacogenetics: Principles and clinical utility Daniel Kurnik, <i>Rambam Medical Center</i> Regulation of gene expression during psychiatric diseases Noam Shomron, <i>Tel Aviv University</i> Pharmacogenetics of antipsychotic induced movement disorders - recent development and future challenges for personalized medicine Lior Greenbaum, <i>Sheba Medical Center</i>	Autism and beyond Chairs: Nahum Katz, Raz Gross Cognitive and social communication abilities among young children conceived by assisted reproductive technologies Nurit Yirmiya, <i>Hebrew University</i> Paternal age alone does not explain higher autism risk: Results from the International Collaboration for Autism Registry Epidemiology (iCARE) Abraham Reichenberg, <i>Mount Sinai Hospital, NY</i> A closer look at the risk of autism across gestation: Results from the International Collaboration for Autism Registry Epidemiology (iCARE) Raz Gross, <i>Sheba Medical Center</i> The oxytocin-autism connection: An overview and insights from brain imaging studies in children Ilanit Gordon, <i>Bar Ilan University</i>

17:45-18:15 הפסקת קפה ותצוגת חברות - Coffee break

אולם אורן 18:15-19:30

**פרסים לזוכים בתחרות עבודות מדעי יסוד
מוענקים ע"י פרופ' יוסף זהר וד"ר גל שובל**

פרס מיוחד לעידוד שיתוף פעולה מחקרי בין חוקרים בסיסיים לקלינאים
מטעם האיגוד הישראלי לפסיכיאטריה ביולוגית ISBP
והמכון הלאומי לפסיכוביולוגיה NIPi
מוענק ע"י פרופ' רונן סגמן

Chair: Joseph Zohar
ECNP sponsored talk: Understanding excess; new insights into obsessive-compulsive disorders
Naomi Feinberg
Consultant Psychiatrist and Visiting Professor of the University of Hertfordshire, UK

אולם אורן 19:30-20:30

לחברים מן המניין בלבד: אסיפת מליאה, בחירת יו"ר וחברים חדשים לוועד האיגוד

20:30 ארוחת ערב

21:30 ריקודים עד אור הבוקר - D.J. עופר הנדורגר Taktika

יום חמישי, 26 במרץ March 26th

07:00-08:00 סדנת מדיטציית מינדפולנס בהדרכת ד"ר אלון רשף ופרופ' גיל זלצמן (מיקום הסדנה ייקבע בהתאם למזג האוויר)

אולם אורן 9:30 - 8:30

Chair: Gil Zalsman

The role of dopamine D3 receptors in psychopathology: something old, something new, something blue

Filippo Drago

Director, Dept. of Biomedical and Biotechnological Sciences, University of Catania, School of Medicine, Catania, Italy

9:35-10:50

אולם אורן 1 מושב 17 Session Oren Hall 1	אולם אורן 2 מושב 18 Session Oren Hall 2	אולם יסמין מושב 19 Session Jasmine Hall
<p>Why is it so hard to treat anorexia nervosa: Neurocognitive and medical aspects and the issue of prognosis Chair: Danny Stein</p> <p>High prevalence of vitamin D deficiency and insufficiency in adolescent inpatients diagnosed with eating disorders Danny Stein, <i>Sheba Medical Center</i></p> <p>Predictors of short-term outcome variables in hospitalized female adolescents with eating disorders Ehud (Udi) Mekori, <i>Sheba Medical Center</i></p> <p>Attentional bias in patients with anorexia nervosa Tal Gilon, <i>Tel-Aviv Yafo Academic College</i></p> <p>Alteration in serum klotho levels in inpatients with anorexia nervosa Ido Wolf, <i>Sourasky Medical Center</i></p>	<p>Clinical Update III: Depression and Cognition Chairs: Leon Greenhaus, Hilik Levkovitz</p> <p>Vortioxetine: A multimodal drug with effects on depression and cognition Leon Greenhaus, <i>Mind Clinic Tel Aviv</i></p> <p>The cognitive dimension of effective disorder Hilik Levkovitz, <i>Be'er Yaakov Mental Health Center</i></p> <p>Multimodal Agents for the Treatment of MDD Associated with Cognitive Dysfunction Avraham Weizman, <i>Geha Mental Health Center</i></p> <p><i>Sponsored by Lundbeck</i></p>	<p>Innovative Research and Therapies in Tourette's Syndrome Chairs: Alan Apter, Noa Ben Aroya-Milstein</p> <p>Developmental and therapeutic aspects of Tourette syndrome Tami Steinberg, <i>Schneider's Children's Medical Center</i></p> <p>Animal models in Tourette syndrome Izhar Bar Gad, <i>Bar Ilan University</i></p> <p>Executive functioning in Tourette syndrome Asaf Yaniv, <i>Bar Ilan University</i></p> <p>Effects of parental functioning in Tourette syndrome Dafna Ruhrman, <i>Schneider's Children's Medical Center</i></p> <p>Coming to terms with impulse for tics – therapeutic implications Ella Gev, <i>Schneider's Children's Medical Center</i></p>

10:50-11:15 הפסקת קפה ותצוגת חברות - Coffee break

פינוי חדרים עד 11:00 - מזוודות ניתן לאחסן בחדר תמר

11:15-12:30		
אולם יסמין מושב 22 Jasmine Hall Session	אולם אורן 2 מושב 21 Oren Hall 2 Session	אולם אורן 1 מושב 20 Oren Hall 1 Session
<p>Out of the box treatment in psychiatry Chair: Ravid Doron</p> <p>Herbal Treatment for depression and Anxiety Disorders Quoting Ravid Doron, <i>Tel-Aviv Yafo Academic College</i></p> <p>Intracranial pancreatic islet transplantation attenuates behavioral dysfunction, and promote brain insulin and growth factors reserve in rats exposed to hypoglutamatergic insult (MK801) Abraham Weizman, <i>Geha Mental Health Center</i></p> <p>We are not alone: a meeting with your gut microbiome Omry Koren, <i>Bar Ilan University, Safed, Israel.</i></p> <p>Mesenchymal Stem Cell Transplantation Promotes Neurogenesis and Ameliorates Autism Related Behaviors in BTBR Mice Hadar Segal, <i>Tel Aviv University</i></p>	<p>Basic science update III: Groups and individuals in the Rat Race: Can we learn anything from animal behavior? Chair: Ettie Grauer</p> <p>Introduction Ettie Grauer, <i>Israel institute for Biological Research, Ness Ziona</i></p> <p>Decoding social behavior in mice - an ethological approach Yair Shemesh, <i>Weizmann Institute for Science, Rehovot</i></p> <p>Behavioral disorders learned from dominant-submissive interactions in mice Albert Pinhasov, <i>Ariel University</i></p> <p>‘Witnessed’ and ‘Experienced’ trauma in laboratory mice: potential relevance for PTSD Michael M. Tsoory, <i>Weizmann Institute of Science, Rehovot</i></p>	<p>Hi-Tech innovations in the Startup Nation - the Promise of Tomorrow Chairs: Gal Shoval, Shaul Lev-Ran</p> <p>Ladostigil: a Novel Treatment for Mild Cognitive Impairment Yona Gefen, <i>Avraham pharmaceuticals</i></p> <p>Drug screening assays using oligodendrocyte progenitors cells derived from human pluripotent stem cells Arik Hason, <i>Kadimastem</i></p> <p>Multi-parameters Neuro-markers for psychiatric and neurologic disorders Ziv Peremen, <i>Elminda</i></p> <p>Clinical Application of Pharmacogenetic Testing for the Guidance of Psychiatric Treatments Miquel Tuson, <i>Neuropharmagen</i></p>

12:30-13:00 ארוחת צהרים קלה

13:00-14:15		
אולם יסמין מושב 25 Jasmine Hall Session	אולם אורן 2 מושב 24 Oren Hall 2 Session	אולם אורן 1 מושב 23 Oren Hall 1 Session
<p>New Horizons in CNS Dysregulation Chair: Yuval Bloch</p> <p>What typifies ADHD? being inattentive or being anxious about being inattentive. Preliminary Magneto encephalographic findings of the significance of state anxiety in ADHD Yuval Bloch, <i>Shalvata Mental Health Center</i></p> <p>A novel TMS-EEG tool indicates right PFC hypoactivity in adults with ADHD and contributes to objective diagnosis Uri Alyagon, <i>Ben Gurion University</i></p> <p>Abnormal development of monoaminergic neurons is implicated in mood fluctuations and bipolar disorder Claude Brodsky, <i>Ben Gurion University</i></p> <p>The Effects Of Oxytocin On Preferred Interpersonal Space: A Pharmacological Neuroimaging Study Daniela Cohen, <i>University of Haifa</i></p>	<p>Clinical update IV: Borderline Personality Disorder - a challenge to understand and treat Chair: Ilana Kremer</p> <p>Borderline PD - a challenge to understand Ilana Kremer, <i>Mazra Mental Health Center</i></p> <p>Borderline PD - a challenge to treat Rivka Davidovich, <i>Mazra Mental Health Center</i></p> <p>Clinical examples and discussion Lora Sharony, <i>Mazra Mental Health Center</i></p>	<p>Ketamine treatment: the pinnacle of depression treatment or a slippery slope? Chairs: Revital Amiaz, Haim Einat</p> <p>Synchronous gamma oscillations in the cortico-basal ganglia network of the primate ketamine model of schizophrenia Maya Slovik, <i>Hebrew University</i></p> <p>Behavioral outcomes of chronic and intermittent administration of ketamine in mice - possible relationship with autophagy Haim Einat, <i>Tel-Aviv Yafo Academic College</i></p> <p>Sub-anesthetic ketamine infusions for Resistant Major Depressive disorder Revital Amiaz, <i>Sheba Medical Center</i></p>

14:20-15:35		
אולם יסמין מושב 28 Jasmine Hall Session	אולם אורן 2 מושב 27 Oren Hall 2 Session	אולם אורן 1 מושב 26 Oren Hall 1 Session
<p>New breakthroughs in biological psychiatry Chairs: Einat Peles, Shahak Yariv</p> <p>Perceived sleep and history of sexual abuse among former opiate addict's women with and without methadone maintenance treatment Einat Peles, <i>Sourasky Medical Center</i></p> <p>High rates of prodromal negative symptoms in 22q11.2 deletion syndrome compared to Williams syndrome and to typically developing controls Ehud Mekori, <i>Sheba Medical Center</i></p> <p>Deep Transcranial Magnetic Stimulation in Obsessive Compulsive Disorder (OCD) patients Lior Carmi, <i>Tel Aviv University</i></p>	<p>e-poster session Chair: Ettie Grauer</p>	<p>Immunological and pharmacological aspects in Biological Psychiatry Chairs: Raz Yirmiya, Ronit Avitzur-Hamiel</p> <p>Prenatal fluoxetine exposure and the response to an immune challenge Ronit Avitzur-Hamiel, <i>Tel-Aviv Yafo Academic College</i></p> <p>The microglial biology of cognitive and emotional processes Raz Yirmiya, <i>Hebrew University</i></p> <p>A biological computerized modeler for a biologic barrier Idit Golani, <i>Technion</i></p> <p>Fast processing of facial social cues in normal and clinical populations using MEG Avi Goldstein, <i>Bar Ilan University</i></p>

15: 35 מילוי משובים, סיום הכנס.

להתראות בכנס ה-20 של האיגוד הישראלי לפסיכיאטריה ביולוגית
8-10 במרץ, 2016
"מזון בטבע" - קבוצת האושרים



Satellite symposium: EPA Itinerant CME Course

New Perspectives in Suicide Prevention

Date: Wednesday, March 25th, 8:30-12:00

Brosh Hall (located on the ground floor of the Koren Stream House)

• **Presenters:**

Marco Sarchiapone, University of Molise, Italy. Vice president of IASR.

Vladimir Carli, Karolinska Institute, Sweden

Alan Apter, Tel Aviv University, Israel

• **Schedule:**

8:30- 8:40: Introduction (Marco Sarchiapone)

8:40-9:20: Suicidal Behaviors: recent findings (Marco Sarchiapone)

9:20-10:00: Suicide Preventive Programs (Vladimir Carli)

10:00-10:30: Coffee break

10:30- 11:30: Interactive session (Alan Apter)

11:30-12:00: Discussion (Marco Sarchiapone, Vladimir Carli and Alan Apter)

Participants will receive an EPA certificate of participation in the CME course

The maximum number of participants is limited to 30

