

ANNUAL CONFERENCE OF THE ISRAELI LEAGUE AGAINST EPILEPSY



PROGRAM

30.1.2019

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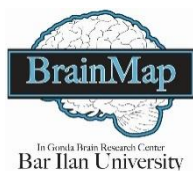
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SCIENTIFIC PROGRAM



08:00 *Registration, coffee and visit the exhibition*

08:35 - 08:55

OPENING SESSION

- 08:35 WELCOME AND OPENING REMARKS
Dana Ekstein
President, Israeli League Against Epilepsy
- 08:40 ANNUAL REPORT OF THE ISRAELI LEAGUE AGAINST EPILEPSY
Meir Bialer
Secretary and Treasurer, International League Against Epilepsy
- 08:45 THE AUDIT COMMITTEE
Miri Y. Neufeld
- 08:50 Eyal Israeli Epilepsy Association
Gary Jason
Chairman of Eyal
-

08:55 - 11:00

SESSION I

Chairpersons: **Sara Eyal**, Israel
Shimrit Uliel Sibony, Israel

- 08:55 AWARD PRESENTATION TO PROF. URI KRAMER
Shimrit Uliel Sibony
Child Neurology, Tel Aviv Medical Center, Tel Aviv, Israel
- 08:58 CANNABIS IN EPILEPSY
Uri Kramer
¹Sackler School of Medicine, Tel Aviv University, ²Pediatric Epilepsy Unit, Tel Aviv Medical Center, Tel Aviv, Israel
- 09:18 TOLERANCE TO CANNABIDIOL IN CHILDREN AND ADULTS WITH TREATMENT RESISTANT EPILEPSY
Shimrit Uliel Sibon, Moran Hausman-Kedem, Uri Kramer
Pediatric Neurology, Dana Children's Hospital, Tel Aviv, Israel
- 09:25 CELEBRATING PROF. MEIR BIALER'S BIRTHDAY
Sara Eyal
Institute for Drug Research, School of Pharmacy, The Hebrew University of Jerusalem, Jerusalem, Israel
- 09:29 THE STORY OF VALPROIC ACID AND HOW IT CHANGED THE COURSE OF EPILEPSY TREATMENT
Meir Bialer
School of Pharmacy, Faculty of Medicine, Ein Karem, The Hebrew University of Jerusalem, Jerusalem, Israel

SCIENTIFIC PROGRAM (cont.)



08:55 - 11:00

SESSION I (cont.)

09:59 IN MEMORY OF DR. FANI ANDELMAN

Itzhak Fried

Dept. of Neurosurgery, Tel Aviv Medical Center, Tel Aviv, Israel

10:04 DEEP BRAIN STIMULATION TO THE ANTERIOR THALAMIC NUCLEI FOR DRUG-RESISTANT EPILEPSY - CASE SERIES

Firas Fahoum^{1,2}, Svetlana Kipervasser^{1,2}, Gal Lichtenstern^{1,3}, Fani Andelman³, Itzhak Fried^{2,3}, Miri Neufeld^{1,2}, Ido Strauss^{2,3},

¹Epilepsy Unit, Neurology Division, Tel Aviv Sourasky Medical Center, ²Sackler School of Medicine, Tel Aviv University, ³Functional Neurosurgery Unit, Neurosurgery Dept., Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

10:14 INITIAL EXPERIENCE USING THE VISUALASE MRI-GUIDED STEREOTACTIC LASER ABLATION SYSTEM FOR EPILEPTOGENIC LESIONS

Ido Strauss¹, Firas Fahoum², Itzhak Fried³

¹Dept. of Neurosurgery, Tel Aviv Medical Center, Tel Aviv ²Epilepsy Center, Dept. of Neurology, ³Dept. of Neurosurgery, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

10:24 RESPONSIVE NEUROSTIMULATION FOR INTRACTABLE EPILEPSY

Itzhak Fried¹, Dawn Eliashiv²

¹Dept. of Neurosurgery, Tel Aviv Medical Center, Tel Aviv, Israel, ²Neurology Dept., UCLA, Los Angeles, CA, USA

10:34 Discussion

10:40 *Short break*

11:00 - 12:00

SESSION II

Chairpersons: **Dana Ekstein**, Israel
Hadassah Goldberg-Stern, Israel

11:00 IN MEMORY OF PROF. PINCHAS LERMAN

Tally Lerman-Sagie

Dept. of Pediatric Neurology, Wolfson Medical Center, Holon, Israel

Hadassah Goldberg-Stern

EEG & Epilepsy Service, Dept. of Neurology, Schneider Children's Medical Center, Petach Tikva, Israel

11:10 IN MEMORY OF GAL AHARONI



11:00 - 12:00

SESSION II (cont.)

11:15 **Invited Guest Lecture**

SUDEP PREVENTION: FROM IDENTIFICATION OF RISK FACTORS TO POTENTIAL THERAPEUTIC INTERVENTIONS

Sylvian Rheims

Dept. of Functional Neurology and Epileptology, Hospices Civils de Lyon, France

12:00 *Coffee, exhibition and e-poster session*

12:40 - 14:16

SESSION III

Chairpersons: **Felix Benninger**, Israel
Andreea Nissenkorn, Israel

12:40 THE SAFETY OF SWITCHING OLD GENERATION TO NEW GENERATION AEDS AMONG SEIZURE-FREE PATIENTS WITH EPILEPSY

Tamar Fisher Negev^{1,2}, Sara Eyal², Shahar Arzy³, Rima Bar-Yossef³, Dana Ekstein³

¹Clinical Pharmacy, Hadassah Ein Kerem, Jerusalem, ²School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem, Jerusalem, ³Epilepsy Center, Dept. of Neurology, Hadassah Medical Center, Jerusalem, Israel

12:52 SCN1A MISSENSE MUTATIONS- IN VIVO, IN VITRO AND IN SILICO CORRELATIONS

Andreea Nissenkorn^{1,2}, Inbar Adler³, Mary Safrin³, Marina Brusel³, Milit Marom⁴, Shayel Berkovich⁴, Daniel Yakubovich⁵, Michal Tzadok⁶, Bruria BenZeev², Moran Rubinstein³

¹Service for Rare Disorders, The Chaim Sheba Medical Center, Tel Hashomer, ²Pediatric Neurology Unit, The Chaim Sheba Medical Center, Tel Hashomer, ³Goldschlager Eye Research Institute, Sheba Medical Center, Tel Hashomer, ⁴Sackler School of Medicine, Tel Aviv University, Tel Aviv, ⁵Neonatal Intensive Care Unit, The Chaim Sheba Medical Center, Tel Hashomer, ⁶Pediatric Neurology Unit, Sheba Medical Center, Tel Hashomer, Israel

13:04 ANTIEPILEPTIC DRUG EFFECTS ON PLACENTAL NUTRIENT CARRIERS IN HUMAN TROPHOBLAST CELLS

Nino Tetro, Sonia Moushaev, Sara Eyal

Institute for Drug Research, School of Pharmacy, Hebrew University of Jerusalem, Jerusalem, Israel

13:16 ABSENCE SEIZURE PROVOCATION DURING A ROUTINE EEG: DOES POSITIONING OF THE CHILD DURING HYPERVENTILATION AFFECT THE DIAGNOSTIC YIELD?

Tal Rozenblat, **Dror Kraus**, Muhammad Mahajnah, Hadassah Goldberg-Stern, Nathan Watemberg

Child Neurology, Schneider Children's Hospital, Petach Tikva, Israel



12:40 - 14:16

SESSION III (cont.)

- 13:28 IN-SILICO NORMAL MODE ANALYSIS OF NOVEL MISSENSE MUTATIONS IN EPILEPSY: MYOCLONIC ASTATIC EPILEPSY
Felix Benninger^{1,2,3}, Oded Shor^{2,3}
¹Neurology, Rabin Medical Center, Campus Beilinson, Petach Tikva, ²Laboratory of Clinical Neuroscience, Rabin Medical Center, Petach Tikva, ³Sackler School of Medicine, University of Tel Aviv, Tel Aviv, Israel
- 13:40 A DRAMATIC RESPONSE TO EARLY INITIATION OF ANAKINRA (INTERLEUKIN-1 RECEPTOR ANTAGONIST) TREATMENT IN A 4.5 YEAR OLD HEALTHY CHILD WITH FIRES (FEBRILE-INFECTION RELATED EPILEPSY SYNDROME)
Ilan Linder¹, Mira Ginsberg¹, Lubov Blumkin¹, Ronen Hadi-Cohen¹, Rachel Sion², Sion Hour², Ilan Cohen², Tally Lerman-Sagie¹
¹Pediatric Neurology Unit, Wolfson Medical Center, Holon, ²Pediatric Intensive Care Unit, Wolfson Medical Center, Holon, Israel
- 13:52 CATHEPSIN ACTIVITY-BASED PROBES FOR DIAGNOSING AND TREATING EPILEPSY
Roa'a Majed Shiekh Yosief¹, Ivan Zlotver¹, Emmanuelle Merquiol¹, Galia Blum¹, Dana Ekstein², Sara Eyal¹
¹Institute for Drug Research, School of Pharmacy, The Hebrew University of Jerusalem, Jerusalem, ²Dept. of Neurology, Hadassah Hebrew University Medical Center, Jerusalem, Israel
- 14:04 DESENSITIZATION TO ANTI EPILEPTIC DRUGS IN REFRACTORY EPILEPTIC PATIENTS
Efrat Zohar Dayan¹, Andrea Nissenkorn^{1,2}, Michal Tsadok¹, Gali Heimer^{1,2}, Omer Bar Yosef^{1,2}, Mona Kidon^{3,2}, Bruria Ben-Zeev¹
¹Pediatric Neurology Unit, Edmond and Lilly Safra Children's Hospital, Chaim Sheba Medical Center, Tel Hashomer, Ramat Gan, ²Sackler School of Medicine, Tel Aviv University, Tel Aviv, ³Pediatric Allergy Clinic, Edmond and Lilly Safra Children's Hospital, Chaim Sheba Medical Center, Tel Hashomer, Ramat Gan, Israel
- 14:16 *Lunch, poster viewing and visit the exhibition*

15:00 - 16:12

SESSION IV

Chairpersons: **Revital Gandelman-Marton**, Israel
Yitzhak Schiller, Israel

15:00 BEST PAPER AWARD

DEBATE: ARE "PSYCHOGENIC" NON EPILEPTIC SEIZURES REALLY PSYCHOGENIC

15:10 YES
Dana Ekstein
Dept. of Neurology, Hadassah Hebrew University Medical Center, Jerusalem, Israel

15:23 NO
Amos Korczyn
Dept. of Human Neurobiology, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel



15:00 - 16:12

SESSION IV (cont.)

15:36 SEIZURE PHOBIA AND AVOIDANCE BEHAVIORS AMONG PATIENTS WITH EPILEPSY

Aviva Weiss¹, Laura Canetti², Rima Bar-Yossef³, Shahar Arzy³, Shiri Ben-Naim²,
Inbal Reuveni², Dana Ekstein³

¹Psychiatry, Kfar Shaul, Jerusalem, ²Dept. of Psychiatry, Hadassah Hebrew University
Medical Center, Jerusalem, ³Dept. of Neurology, Hadassah Hebrew University Medical
Center, Jerusalem, Israel

15:48 PRE-SURGICAL NEUROPSYCHOLOGICAL ASSESSMENT - ADULTS

Naomi Kahana Levy

Dept. Of Child Psychiatry and Epilepsy Clinic, Rambam Medical Center, Haifa, Israel

16:00 MORE THAN JUST SEIZURES

Tamara Nina Elizov Fischl

Private Clinic, Private Clinic, Tel Aviv, Israel



1. IN VITRO STUDY IN HUMAN PLACENTAL CELL LINE OF VALPROIC ACID AMIDE DERIVATIVES: TERT-BUTYLETHYLACETAMIDE AND SEC-BUTYLPROPYLACETAMIDE
Natalia Erenburg, Sara Eyal, Meir Bialer
School of Pharmacy Faculty of Medicine, The Hebrew University of Jerusalem, Jerusalem, Israel
2. TREATMENT WITH BRIVARACETAM IN CHILDREN- THE EXPERIENCE OF A PEDIATRIC EPILEPSY CENTER
Andreea Nissenkorn^{1,2}, Michal Tzadok², Omer Bar Yosef², Gali Heimer², Bruria Ben Zeev²
¹Service for Rare Disorders, ²Pediatric Neurology Unit, The Chaim Sheba Medical Center, Tel Hashomer, Israel
3. MUTATION IN THE KCNQ2 ION SELECTIVITY FILTER CAUSING SEVERE EPILEPTIC ENCEPHALOPATHY RESPONSIVE TO RETIGABINE
Andreea Nissenkorn^{1,2}, Polina Kornilov³, Gali Heimer², Bruria Ben Zeev², Bernard Attali³
¹Service for Rare Disorders, The Chaim Sheba Medical Center, Tel Hashomer, ²Pediatric Neurology Unit, The Chaim Sheba Medical Center, Tel Hashomer, ³Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel
4. AMANTADINE - AN OPTIONAL TREATMENT FOR SEVERE SECONDARY MYOCLONIC EPILEPSY AND HYPERKINETIC DYSKINESIA
Keren Politi, **Tohar Rigler**, Hadasa Stern Goldberg
Pediatric Neurology Dept., Schneider Children Medical Center, Petach Tikva, Israel
5. HDAC INHIBITION ACTIVITY OF VALPROIC ACID ANALOGS AND AMIDE DERIVATIVES
Bella Shusterman, Sara Eyal, Meir Bialer
School of Pharmacy Faculty of Medicine, The Hebrew University of Jerusalem, Jerusalem, Israel