

# ANNUAL CONFERENCE OF THE ISRAELI LEAGUE AGAINST EPILEPSY



## PROGRAM

**23.1.2013**  
**Leonardo City Tower**  
**Ramat Gan, Israel**

Sponsored by:



## SCIENTIFIC PROGRAM



08:00 Registration  
Coffee / Tea and Visit the Exhibition

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08:45 - 10:30 **SESSION I**

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Chairpersons: **O. Bennett**, Israel  
**M. Medvedovsky**, Israel

08:45 OPENING REMARKS

**I. Blatt**

President, Israeli League Against Epilepsy

08:50 ANNUAL REPORT OF THE ISRAELI LEAGUE AGAINST EPILEPSY

**M. Bialer**

International Secretary and Treasurer

09:00 BLOOD-BRAIN BARRIER DYSFUNCTION AS A DECISIVE FACTOR IN  
PERSONALIZED ANTI-EPILEPTIC TREATMENT

**I. Weissberg**<sup>1</sup>, S. Salar<sup>2</sup>, N. Efrat<sup>1</sup>, S. Lublinsky<sup>1</sup>, I. Shelef<sup>3</sup>, U. Heinemann<sup>2</sup>,  
Z. Shorer<sup>4</sup>, A. Friedman<sup>1</sup>

<sup>1</sup>Dept. of Physiology and Neurobiology, Zlotowski Center for Neuroscience, Ben-Gurion University of the Negev, Beer Sheva, Israel, <sup>2</sup>Institute of Neurophysiology, Charité Universitätsmedizin, Berlin, Germany, <sup>3</sup>Dept. of Radiology, Soroka University Medical Center and Zlotowski Center for Neuroscience, Ben-Gurion University of the Negev, Beer Sheva, Israel, <sup>4</sup>Dept. of Pediatrics, Soroka University Medical Center, Ben-Gurion University of the Negev, Beer Sheva, Israel

09:15 CONNECTIVITY ANALYSIS OF RESTING STATE EEG RECORDINGS OF  
PATIENTS WITH TEMPORAL LOBE EPILEPSY (TLE)

**D. Inbar**<sup>1</sup>, M. Leite<sup>2</sup>, V. Litvak<sup>2</sup>, T. Ben-Hur<sup>1</sup>, D. Ekstein<sup>1</sup>

<sup>1</sup>Dept. of Neurology, Hadassah-Hebrew University Medical Center, Ein-Kerem, Jerusalem, Israel, <sup>2</sup>The Wellcome Trust Centre for Neuroimaging, UCL Institute of Neurology, London, UK

09:30 AN UNUSUALLY SEVERE PHENOTYPE IN A FAMILY WITH A NOVEL *SCN1A*  
MUTATION: FROM GEFS+ TO DRAVET SYNDROME

H. Goldberg-Stern<sup>1,2</sup>, **S. Aharoni**<sup>1,2</sup>, Z. Afawi<sup>2</sup>, A.D. Korczyn<sup>2,5</sup>, A. Shuper<sup>1,2</sup>,  
O. Bennett<sup>3</sup>, S. Appenzeller<sup>4</sup>, A. Baumgart<sup>5</sup>, L. Basel-Vanagaite<sup>2,6</sup>, G. Kuhlenbäumer<sup>4</sup>,  
I. Helbig<sup>7</sup>

<sup>1</sup>Dept. of Pediatric and Adolescent Neurology, Epilepsy Center, Schneider Children's Medical Center of Israel, Petach Tikva, Israel, <sup>2</sup>Sackler Faculty of Medicine, Tel Aviv University, Israel, <sup>3</sup>Pediatric Neurology Unit, Hadassah-Hebrew University Medical Center, Ein-Kerem, Jerusalem, Israel, <sup>4</sup>Institute of Experimental Medicine and Dept. of Neurology, University Medical Center Schleswig-Holstein, Kiel, Germany, <sup>5</sup>Tel Aviv Sourasky Medical Center, Israel, <sup>6</sup>Raphael Recanati Genetics Institute, Rabin Medical Center, Beilinson Campus, Petach Tikva, Israel, <sup>7</sup>Dept. of Neuropediatrics, University Medical Center Schleswig-Holstein, Kiel, Germany

09:45 PROLONGED FEBRILE SEIZURES, CLINICAL CHARACTERISTICS AND ACUTE  
MANAGEMENT

**H. Bassan**<sup>1,2</sup>, M. Barzilay<sup>1,2</sup>, S. Shinnar<sup>3</sup>, Z. Shorer<sup>4,5</sup>, I. Matoth<sup>6,7</sup>, V. Gross-Tsur<sup>7,8</sup>

<sup>1</sup>Child Neurology and Development Unit, Tel Aviv Sourasky Medical Center, <sup>2</sup>Sackler Faculty of Medicine, Tel Aviv University, Israel, <sup>3</sup>Comprehensive Epilepsy Management Center Montefiore Medical Center, Albert Einstein College of Medicine, New York, NY, USA, <sup>4</sup>Soroka Medical Center, Beer Sheva, Israel, <sup>5</sup>Ben-Gurion University of the Negev, Beer Sheva, Israel, <sup>6</sup>Hadassah-Hebrew University Medical Center, Ein-Kerem, Jerusalem, Israel, <sup>7</sup>Neuropediatric Unit, Shaare-Zedek Medical Center, Jerusalem, Israel, <sup>8</sup>The Hebrew University Jerusalem, Israel



08:45 - 10:30

SESSION I (cont.)

- 10:00 INTRACTABLE EPILEPSY OF INFANCY DUE TO HOMOZYGOUS MUTATION IN THE EFHC1 GENE  
**I. Berger**<sup>1,3</sup>, T. Dor<sup>2,3</sup>, J. Halvardson<sup>4</sup>, S. Edvardson<sup>2,3</sup>, A. Shaag<sup>3</sup>, L. Feuk<sup>4</sup>, O. Elpeleg<sup>3</sup>  
<sup>1</sup>The Neuro-Cognitive Center and Neonatal Neurology Clinic Pediatric Division, Hadassah-Hebrew University Medical Center, Ein-Kerem, Jerusalem, Israel, <sup>2</sup>Pediatric Neurology Unit, Hadassah-Hebrew University Medical Center, Ein-Kerem, Jerusalem, Israel, <sup>3</sup>Dept. of Genetic Research, Hadassah-Hebrew University Medical Center, Ein-Kerem, Jerusalem, Israel, <sup>4</sup>Dept. of Immunology, Genetics and Pathology, Science for Life Laboratory Uppsala, Rudbeck Laboratory, Uppsala University, Sweden
- 10:15 INHIBITION OF TGF-B SIGNALING AS A NEW ANTI-EPILEPTOGENIC STRATEGY IN THE BLOOD-BRAIN BARRIER DYSFUNCTION MODEL FOR EPILEPSY  
**G. Bar-Klein**<sup>1</sup>, L.P. Cacheaux<sup>2</sup>, J. Rozowsky<sup>1</sup>, L. Kaminsky<sup>1</sup>, I. Weissberg<sup>1</sup>, D. Kaufer<sup>2</sup>, A. Friedman<sup>1</sup>  
<sup>1</sup>Depts. Of Physiology & Cell Biology and Biomedical Engineering, the Zlotowski Center for Neuroscience, Ben-Gurion University of the Negev, Beer Sheva, Israel, <sup>2</sup>Helen Wills Neuroscience Institute and the Dept. of Integrative Biology, University of California, Berkeley, CA, USA

10:30 *Coffee break and Visit the Exhibition*



11:00 - 13:10

SESSION II

Chairpersons: **I. Blatt**, Israel  
**M. Neufeld**, Israel

- 11:00 **Invited Lecture**  
 AMPA ANTAGONISTS AS NEW ANTIEPILEPTIC DRUGS  
**C.E. Elger**  
 Dept. of Epileptology, University of Bonn, Germany
- 11:50 **Invited Lecture**  
 FMRI-EEG STUDIES OF COGNITION IN EPILEPSY  
**M. Koeppe**  
 Dept. of Clinical and Experimental Epilepsy, National Hospital for Neurology and Neurosurgery, London, UK
- 12:40 DEVELOPMENT OF A NOVEL TARGETING SYSTEM FOR NON-INVASIVE LOCALIZATION OF EPILEPTOGENIC BRAIN TISSUE  
**E. Portnoy**<sup>1,4</sup>, D. Inbar<sup>2</sup>, B. Polyak<sup>3</sup>, A. Rai<sup>3</sup>, S. Magdassi<sup>4</sup>, D. Ekstein<sup>2</sup>, S. Eyal<sup>1</sup>  
<sup>1</sup>Institute of Drug Research, The Hebrew University of Jerusalem, Israel, <sup>2</sup>Dept. of Neurology, Hadassah-Hebrew University Medical Center, Ein-Kerem, Jerusalem, Israel, <sup>3</sup>Dept. of Surgery, Drexel University, Philadelphia, PA, USA, <sup>4</sup>Casali Institute, The Hebrew University of Jerusalem, Israel
- 12:55 NEUROPSYCHOLOGICAL SCREENING BATTERY FOR CHILDREN PRESENTING WITH EPILEPTIC DISORDERS  
**A. Bord, Y. Feldmann**, A. Nissenkorn, M. Tzadok, O. Bar-Yosef, B. Ben-Zeev, M. Levav  
 Division of Pediatric Neurology, Epilepsy Unit, The Chaim Sheba Medical Center, Tel Hashomer, Ramat Gan, Israel

13:10 *Lunch and Visit the Exhibition*





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14:10 - 15:50

SESSION III

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Chairpersons: **S. Kivity**, Israel  
**A. Nisenkorn**, Israel

14:10 **Invited Lecture**

PHARMACORESISTANT EPILEPSY: CLINICAL PERSPECTIVES

**C.E. Elger**

Dept. of Epileptology, University of Bonn, Germany

15:00 **Invited Lecture**

IMAGING DRUG RESISTANCE

**M. Koepp**

Dept. of Clinical and Experimental Epilepsy, National Hospital for Neurology and Neurosurgery, London, UK

15:50 *Coffee break and Visit the Exhibition*



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16:10 - 16:55

SESSION IV

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Chairpersons: **R. Gilad**, Israel  
**N. Waternberg**, Israel

16:10 CAN SOCIAL SUPPORT SERVE AS A MEDIATOR BETWEEN ILLNESS PERCEPTION AND QUALITY OF LIFE IN PATIENTS WITH EPILEPSY?

**T. Bar-Adon**<sup>1</sup>, T. Krulik<sup>2</sup>, I. Bluvstein, Y. Parmet<sup>3</sup>, M. Neufeld<sup>1,4</sup>

<sup>1</sup>EEG and Epilepsy Unit, Dept. of Neurology, Tel Aviv Sourasky Medical Center,

<sup>2</sup>School of Health Professions, Sackler Faculty of Medicine, Tel Aviv University,

<sup>3</sup>Dept. of Industrial Engineering and Management, Ben-Gurion University of the Negev, Beer Sheva, <sup>4</sup>Sackler Faculty of Medicine, Tel Aviv University, Israel

16:25 ELECTROGRAPHIC EFFECTS OF HIGH DOSE DIAZEPAM THERAPY IN CHILDREN WITH CONTINUOUS SPIKE AND WAVES DURING SLEEP (CSWS)

**I. Noyman**, E.J. Donner, T. Akiyama, S.K. Weiss, C.Y. Go, H. Otsubo, A. Ochi  
Hospital for Sick Children, Toronto, ON, Canada

16:40 A DRAMATIC RESPONSE TO COMBINED THERAPY WITH FOLINIC ACID AND IVIG IN A CHILD WITH A RAPIDLY DETERIORATING EPILEPTIC ENCEPHALOPATHY

**I. Linder**<sup>1,2</sup>, N. Karmi<sup>2,3</sup>, S. Kivity<sup>1,4</sup>, M. Ginzberg<sup>1</sup>, L. Blumkin<sup>1</sup>, T. Sagie<sup>1</sup>

<sup>1</sup>Paediatric Neurology Unit, Wolfson Medical Center, Holon, <sup>2</sup>Institute for Child Development, Meuhedet Healthcare Services, <sup>3</sup>Institute for Child Development, Maccabi Healthcare Services, <sup>4</sup>Epilepsy Unit, Schneider Children's Medical Center of Israel, Petach Tikvah, Israel