### Scientific Program

**Tuesday, 15 December 2015**

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<th>Time</th>
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| 12:00-15:00 | **Neuro Ophthalmology Workshop** | Chairperson: Neil Miller  
Case presentations: a patient with anisocoria, a patient with visual loss, a patient with visual field defect, a patient with diplopia  
Anat Kesler, Ruth Huna Baron  
Case discussion and clinical approach  
Neil Miller |
| 15:00-16:00 | **Gathering and Registration** |  |
| 16:00-18:45 | **Oral Presentations 1**  
Chairpersons: Ron Milo, Amir Glik |  
16:00-16:12 | SUBSTANTIALLY INCREASED USE OF ANTICOAGULANTS IN ISCHEMIC STROKE PATIENTS WITH ATRIAL FIBRILLATION: TRENDS IN THE NATIONAL ACUTE STROKE ISRAELI REGISTRY FROM 2004 TO 2013  
| 16:12-16:24 | CHARECTARISTICS OF EARLY ONSET ALZHEIMER`S DISEASE IN A TERTIARY CENTER  
Keret O, Treves T, Steiner I, Glik A |
| 16:24-16:36 | THE EXTENT OF INTER-ICTAL EPILEPTIFORM DISCHARGES IN FOCAL EPILEPSY: DOES TIME MATTER?  
Specktor Ryabinin P, Schiller Y, Herskovitz M |
| 16:36-16:48 | NEUROLOGIC COMPLICATIONS FOLLOWING AN OBSTETRICAL EPIDURAL ANESTHESIA- A CASE-SERIES  
Goldstein IM, Zlotnik Y, Ovnanyan A, Ifergane G |
| 16:48-17:00 | VASCULAR INVESTIGATION FOR TRANSIENT ISCHEMIC ATTACK  
Milo R, Gur A, Tanne D, Bornstein N, Koton S, NASIS Investigators |
| 17:00-17:12 | TREATMENT WITH ANTIPELEPTIC DRUGS IN PATIENTS WITH CEREBROVASCULAR DISEASE  
Ekstein D, Jabareen A, Eyal S |
| 17:15-17:30 | **Coffee Break & e-Poster Viewing** |  |
| 17:30-17:42 | PROXIMAL THROMBECTOMY WITH ASPIRATION AS FIRST AND SOLE INTENTION-TO-TREAT ENDOVASCULAR APPROACH FOR LARGE VESSEL OCCLUSION IN ISCHEMIC STROKE – INITIAL EXPERIENCE OF RABIN MEDICAL CENTER  
Raphaeli G, Keret O, Kolianov V, Steiner I, Streifler JY |
17:42-17:54 CHARACTERISTICS AND ECONOMIC BURDEN OF FREQUENT ATTENDERS WITH MEDICALLY UNEXPAINED SYMPTOMS
Hammerman O, Tsalihin D, Halperin D, Ezra Y

17:54-18:06 A NOVEL METHOD FOR EVALUATING ORIENTATION IN ALZHEIMER´S DISEASE

18:06-18:18 VERTIGO FUGAX: RISK OF ISCHEMIC STROKE AFTER AN EPISODE OF TRANSIENT VERTIGO
Golan D, Klain A

18:18-18:30 CHARACTERIZATION OF A FIRST UNPROVOKED SEIZURE DURING MILITARY SERVICE
Ekstein D, Tsur A, Honig A

18:30-18:42 WHEN AND HOW TO ANTICOAGULATE AFTER AN EMBOLIC STROKE: RESULTS FROM A NATIONWIDE PROSPECTIVE E-SURVEY
Leker R

19:00-20:00 Dinner

20:00 Gathering

20:30 Scientific Event: "The Human Brain Project"
Idan Segev

Wednesday, 16 December 2015

8:00-9:15 Oral Presentations 2
Chairpersons: Carmel Armon, Daniel Golan

8:00-8:12 OPTO- AND CHEMOGENETIC STIMULATION FOR ELIMINATING EPILEPTIC SEIZURES IN RHODENTS
Schiller Y, Assaf F

8:12-8:24 STENT RETRIEVER BASED ENDOVASCULAR REPERFUSION THERAPY IN OCTOGENARIANS
Leker R, Gomori M, Cohen J

8:24-8:36 INSULIN RESISTANT STATES AND FUTURE COGNITIVE PERFORMANCE AND COGNITIVE DECLINE IN CORONARY HEART DISEASE PATIENTS
Lutski M, Weinstein G, Goldbourt U, Tanne D

8:36-8:48 HIGH INCIDENCE OF ABERRANT PARAMAGNETIC/DIAMAGNETIC SIGNALS, LOCATED OUTSIDE THE TUMOR VOLUME, ON MRI OF ADULT PATIENTS SURVIVING TWO OR MORE YEARS AFTER BRAIN IRRADIATION
Yust-Katz S, Inbar E, Dror L, Michaeli N, Lukman J, Siegal T

8:48-9:00 NO EVIDENCE FOR ONGOING MICROINFARCTION IN PATIENTS FOLLOWING BRAIN RADIOTHERAPY
Molad JA, Blumenthal DT, Yost-Katz S, Bokstein F, Bornstein NM, Auriel E
### WOUNDS OF WAR IN BEER-SHEVA: NEUROPSYCHIATRIC SEQUELA OF ROCKET BLAST EXPOSURE
Lior Y, Oxman L, Shalev H, Gibor T, Cohen H, Novack V, Ifergane G

### Opening Ceremony: Günther Deuschl, Natan Bornstein

### Neuro Ophthalmology Plenary
Chairperson: Anat Kesler

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| 9:35- 10:25 | Nystagmus  
Neil Miller |
| 10:25-11:00 | Congenital disorders that mimic acquired disease  
Anat Kesler |
| 11:00-11:35 | Ptosis  
Neil Miller |

### Coffee Break & e-Poster Viewing

### Oral Presentations 3
Chairpersons: Netta Levin, Yair Zlotnik

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| 11:55-12:07 | WHAT MAKES NEW ISCHEMIC LESIONS SYMPTOMATIC AFTER AORTIC VALVE REPLACEMENT?  
| 12:07-12:19 | SAFETY IN THE EPILEPSY MONITORING UNIT: RETROSPECTIVE STUDY OF 524 CONSECUTIVE ADMISSIONS  
Fahoum F, Omer N, Kipervasser S, Bar-Adon T, Neufeld M |
| 12:19-12:31 | BRAIN SYSTEM FOR MENTAL ORIENTATION IN SPACE, TIME, AND PERSON  
Peer M, Salomon R, Goldberg I, Blanke O, Arzy S |
| 12:31-12:43 | SHORT-TERM CHANGES IN AMBIENT TEMPERATURE AND RISK OF ISCHEMIC STROKE  
Vodonos A, Novack V, Horev A, Abu Salameh I, Lotan Y, Ifergane G |
| 12:43-12:55 | A NOVEL CASPASE-6 INHIBITOR AS A POTENTIAL THERAPY FOR ALZHEIMER´S DISEASE  
Aharony I, Fisher E, Ben-Zur T, Offen D |

### Satellite Lunch & Session: Atrial Fibrillation and Stroke Prevention
Chairpersons: David Tanne, Natan Bornstein

Sponsored By:

13:30-13:55 | New antidotes for NOAC's  
Martin H. Ellis |

The Annual Neurological Meeting, Dan Carmel Haifa 15-17.12.2015
Cardiac Ablation for the "Dummies" (Neurologist): Indications, advanced technology and complications
Raphael Rosso

14:20-14:50 Controversies: ESUS & Anticoagulants – “To shoot or to hold fire”
Natan Bornstein- “To hold fire”
Hen Hallevi- “To shoot”
Panel discussion: David Tanne, Natan Bornstein, Martin H. Ellis, Raphael Rosso

14:50-15:00 Transfer to parallel halls for Poster Presentation

15:00-16:20 Poster Presentation Session - 1+2

Hall 1
Chairperson: Joab Chapman

15:00-15:05 CORONARY ARTERY BLOOD FLOW IN ACUTE ISCHEMIC STROKE
Sharif D, Abu Ahmad F, Sahrif Y, Sharif-Rasslan A, Rosenschein U, Mahajneh A, Weller B

15:05-15:10 COGNITIVE DYSFUNCTION IN OBESE INDIVIDUALS WITH OR WITHOUT METABOLIC RISK FACTORS
Abu Saleh A, Shahien R

15:10-15:15 THE DIFFERENT QUAKING PROTEIN (QKI) ISOFORMS IN INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM (CNS)
Vainshtein I, Charbit H, Brill L, Karussis D, Lavon I, Vaknin-Dembinsky A

Kestenbaum M, Robakis D, Ford B, Alcalay R, Louis E

15:20-15:25 SOMATO-SENSORY OVER-RESPONSIVENESS IN MIGRAINEURS WITH AURA
Yarnitsky D, Granovsky Y, Bar Shalita T

15:25-15:30 APPLICATION OF THE 2013 AHA/ASA GUIDELINES FOR USE OF TPA IN ACUTE ISCHEMIC STROKE AT ASSAF HAROFEH MEDICAL CENTER, A TERTIARY MEDICAL CENTER IN ISRAEL

15:30-15:35 STRUCTURAL BASIS OF GLYCOGEN BRANCHING ENZYME DEFICIENCY AND PHARMACOLOGIC RESCUE BY RATIONAL PEPTIDE DESIGN

15:35-15:40 SIRT6 OVEREXPRESSION IMPROVES COGNITIVE FUNCTION IN AGED MICE
Lev N, Dikshtein Y, Franko M, Doron R, Cohen H
15:40-15:45  CAROTID INTIMA-MEDIA THICKNESS AMONG TIA AND ACUTE ISCHEMIC STROKE PATIENTS IN NORTHERN ISRAEL
Telman G, Shafir Y, Wasserman D, Sprecher E, Koupereng E

15:45-15:50  SEIZURES IN COMATOSE SURVIVORS TREATED WITH HYPOTHERMIA
Eilam A, Semoglasky V, Gilad R

15:50-15:55  SPEECH INTELLIGIBILITY PERCEPTION OF ADVANCED PARKINSON’S DISEASE PATIENTS COMPARED TO EARLY PARKINSON’S DISEASE PATIENTS AND FIRST DEGREE RELATIVES

15:55-16:00  RISK FACTORS ASSOCIATED WITH POSTURAL CHANGES IN PARKINSON’S DISEASE

16:00-16:05  SEIZURES AS PRESENTING AND PROMINENT SYMPTOM IN CHOREA-ACANTHOCYTOSIS WITH C.2343DEL VPS13A GENE MUTATION

16:05-16:10  MULTISYSTEM NEUROLOGICAL DISORDER DUE TO A NOVEL CRYAB MUTATION
Sadeh M, Fellig Y, Bonnemann C, Arad M, Furman O, Meiner V, Lossos A

16:10-16:15  NO TIA PATIENTS OF ETHIOPIAN ORIGIN DURING 15 YEARS OF MEDICAL RECORDS IN RAMBAM MEDICAL CENTER
Telman G, Forshner Y, Wasserman D

16:15-16:20  CLINICAL CHARACTERIZATION OF CHILDHOOD NEUROPATHIES IN A TERTIARY REFERRAL CENTER IN ISRAEL
Fellner A, Steiner I, Nevo Y

Hall 2
Chairperson: Israel Steiner

15:00-15:05  COMBINED GENE THERAPY REDUCES THE NEURONAL DAMAGE IN MOUSE MODEL OF FOCAL ISCHEMIA
Molcho L, Ben-Zur T, Barhum Y, Egozi A, Offen D

15:05-15:10  ARM SWING AS A POTENTIAL NEW PRE-CLINICAL MARKER OF PARKINSON’S DISEASE

15:10-15:15  CHANGES IN EXECUTIVE FUNCTIONS OF SCHOOLCHILDREN ARE ASSOCIATED WITH SPRAYED ORGANOPHOSPHOROUS AGRICULTURAL PESTICIDES
Karakis I, Ophir A, Richter ED, Novack L, Wormser U, Doitsch E, Finkelstein Y

15:15-15:20  CRYPTOGENIC STROKE AND NEUROSYPHILIS?!!
Gid R, Grin D, Eilam A

15:20-15:25  DJ-1 BASED PEPTIDE REDUCES THE NEURONAL DAMAGE IN MOUSE MODEL OF FOCAL ISCHEMIA
Molcho L, Barhum Y, Ben-Zur T, Offen D
15:25-15:30 THE NEUROPROTECTIVE EFFECT OF A DJ-1 BASED PEPTIDE IN A TOXIN-INDUCED MOUSE MODEL OF MULTIPLE SYSTEM ATROPHY
Glat M, Barhum Y, Ben-Zur T, Offen D

15:30-15:35 CARDIOVASCULAR HEALTH AND SUBSEQUENT COGNITIVE DECLINE IN PATIENTS WITH PRE-EXISTING CORONARY HEART DISEASE

15:35-15:40 INNATE DEFENSE MECHANISMS AGAINST HSV-1 INFECTION IN THE TARGET TISSUES, SKIN AND BRAIN
Steiner I, Steiner I, Tsalenchuck Y, Panet A

15:40-15:45 THE YIELD OF NON-ELECTIVE INPATIENT VIDEO-EEG MONITORING IN ADULTS
Theitler J, Dassa D, Gandelman-Marton R

15:45-15:50 VISUAL CORTICAL REORGANIZATION FOLLOWING OPTIC NEURITIS: A RESTING STATE FUNCTIONAL MRI STUDY
Backner Y, Oberwahrenbrock T, Finke C, Raz N, Friedemann P, Levin N

15:50-15:55 A COGNITIVE FMRI STUDY IN NON-MANIFESTING LRRK2 AND GBA CARRIERS

15:55-16:00 EFFECTS OF MEDICAL CANNABIS ON TOURETTE SYNDROME: A DESCRIPTIVE ANALYSIS OF 24 PATIENTS
Arad S, Bar-Lev Schleider L, Knaani J, Shabtai H, Balash Y, Ezra A, Giladi N, Gurevich T

16:00-16:05 COMMUNICATION AND LANGUAGE SKILLS IN HUNTINGTON’S DISEASE

16:05-16:10 INTACT WORKING MEMORY IN NON-MANIFESTING LRRK2 CARRIERS – AN FMRI STUDY
Thaler A, Or-Borichev A, Shapira-Lichter I, Gurevich T, Orr-Urtreger A, Giladi N, Hendler T, Mirelman A

16:10-16:15 AUTONOMIC CHARACTERISTICS OF THE G2019S MUTATION IN THE LRRK2 GENE
Thaler A, Orr-Urtreger A, Bar-Shira A, Rosenberg A, Giladi N, Gurevich T

16:15-16:20 DAT SCAN IN PATIENTS WITH PARKINSON’S DISEASE, VASCULAR PARKINSONISM AND VASCULAR COGNITIVE DECLINE
Treves T, Lorberboym M, Djaldetti R, Azvadurian A, Parmet Y

16:20-16:40 Coffee Break & e-Poster Viewing

16:40-17:55 Oral Presentations 4
Chairpersons: Felix Benninger, Firas Fahoum

16:40-16:52 THE VALUE OF INPATIENT EEG IN MEDICAL DECISION MAKING
Theitler J, Dassa D, Gandelman-Marton R

The Annual Neurological Meeting, Dan Carmel Haifa 15-17.12.2015
TRENDS OF ISCHEMIC STROKE INCIDENCE AMONG THE JEWISH AND BEDOUIN POPULATION IN THE NEGEV  
Oxman L, Dizitzer Y, Yitshak-Sade M, Novack V, Horev A, Abu Salameh I, Ifergane G

DEVELOPMENT AND VALIDATION OF THE JERUSALEM COGNITIVE TEST BATTERY FOR ADULTS WITH DOWN SYNDROME  

CIRCULATING MICRORNA BIOMARKERS FOR TREATMENT RESPONSE IN PATIENTS WITH GLOBLASTOMA  

CAROTID ARTERY DISSECTION WITH ACUTE ISCHEMIC STROKE: INSTITUTIONAL EXPERIENCE IN NORTHERN ISRAEL  
Telman G, Sprecher E, Porat L, Javitt M, Amsalem Y

GLUCOCEREBROSIDASE MUTATIONS AND DEMENTIA WITH LEWY BODIES  

Gala Dinner, Beit Oren

Thursday, 17 December 2015

8:00-10:00  Israel Neurological Association meeting & award ceremony

10:00-12:00  Movement Disorders Plenary  
Chairpersons: Ruth Djaldetti, Nir Giladi

10:00-10:30 In memoriam of Professor Eldad Melamed: The concept of Parkinson’s Disease – time for a new definition?  
Poewe Werner

10:30-11:00 Diagnosis and novel treatments of tremor  
Gunther Deuschl

11:00-11:30 New Developments in Huntington's Disease  
Nir Giladi

11:30-12:00 Autoimmune movement disorders  
Yair Zlotnik

12:00-12:15 Coffee Break & e-Poster Viewing
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<td>Satellite Lunch &amp; Session: ADHD in adults: Developmental and clinical aspects, evaluation and diagnosis</td>
<td>Gabi Vainstein, Baruch El-Ad</td>
<td>Simulated case studies with audience participation&lt;br&gt;Moderators: Gaby Vainstein, Baruch El-Ad&lt;br&gt;Is ADHD a developmental disorder?&lt;br&gt;Itay Berger&lt;br&gt;The correlation between various tests and their significance in understanding ADHD.&lt;br&gt;Iris Manor</td>
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REDDUCING RTPA COSTS BY MINIMIZING MATERIAL DISPOZAL, BASED ON PRE-PREPARATING SMALL DOSE DILUTED FROZEN SYRINGES
Rozenfeld D, Hadad S, Ilboni Azriak K, Safran Y

IS IT TIME FOR INDIVIDUALIZED TESTING IN THE EEG LAB?
Theitler J, Dassa D, Gelernter I, Gandelman-Marton R

CAN AGE AND BEHAVIORAL DISORDERS PREDICT THE NEED FOR SEDATION IN INPATIENT PEDIATRIC SLEEP-DEPRIVED EEG?
Theitler J, Dassa D, Heyman E, Lahat E, Gandelman-Marton R

INCORPORATION OF RELATIVE CEREBRAL BLOOD FLOW INTO CT PERFUSION MAPS REDUCES FALSE "AT RISK" PENUMBRA

A KNOCK-OUT TO THE IMMUNOMODULATORY APPROACH: A SUCCESSFUL DOMINANT HEMISPHEROTOMY IN RASMUSSEN ENCEPHALITIS
Goldberg-Stern H, Fried I

VARIABLE CLINICAL MANIFESTATIONS IN EXTRACRANIAL ARTERIAL DISSECTION, OBSERVATIONAL STUDY
Keigler G, Beiruti K, Shahien R

ANTI NMDA RECEPTOR ENCEPHALITIS POST HERPES SIMPLEX ENCEPHALITIS- THE DILEMMA OF DIAGNOSIS
Garty Ofir M, Mahagney A, Weller B

PRIOR DAMAGE TO LOWER MOTR NEURON TRIGGERING MYASTHENIA GRAVIS
Goldstein L, Lotan I, Hellmann M, Steiner I

MYELINATED AND UNMYELINATED ENDONEURIAL AXON QUANTIFICATION AND CLINICAL CORRELATION
Dori A, Lopate G, Choksi R, Pestronk A

EXTEREME NEUROLOGICAL VARIABILITY OF CHEMOTHERAPY INDUCED PRES
Makranz C, Khutsurauli S, Kalish Y, Eliahou R, Kaduri L, Gomori JM, Lossos A

ADDRESSING PIVOTAL CHALLENGES IN APPLIED NEUROSCIENCE: A KNOWLEDGE CENTER FOR RESEARCH ON BRAIN DISEASES
Rosenmann H, Ben-Hur T, Lerer B

IS LEVODOPA-INDUCED DYSKINESIA ASSOCIATED WITH BLOOD BRAIN BARRIER PERMEABILITY AND VOLUMETRIC BRAIN CHANGES IN PATIENTS WITH PARKINSON´S DISEASE?

THE MANY FACES OF DIFFUSE REVERSIBLE CEREBRAL VASOCONSTRICTION SYNDROME: REPORT OF THREE CASES
Dorodnicov E, Gur A, Simonovich A, Jashan S, Milo R
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Maggio N, Shavit Stein E, Segal M

NOT ONLY CEREBELLAR ATAXIA: EVIDENCE OF VESTIBULAR LOSS IN AUSTRALIAN ABORIGINES WITH MACHADO JOSEPH DISEASE
Gordon C, Massey L, LaGrappe D, Kilpatrick M, Klein C, Zaltzman R

CEREBELLAR DAMAGE IS ASSOCIATED WITH IMPAIRED SERIAL LEARNING IN MACHADO JOSEPH DISEASE
Elyoseph Z, Mintz M, Vakil E, Zaltzman R, Gordon C

CASE REPORT: NEUROMYELITIS OPTICA SPECTRUM DISORDER
Abu Saleh S, Beiruti K, Shahien R

A COMBINATION OF GENES TO TREAT OXIDATIVE STRESS AND EXCITOTOXICITY IN A TRANSGENIC MOUSE MODEL OF MULTIPLE SYSTEM ATROPHY
Offen D, Glat M, Ben-Zur T, Barhum Y, Gast H, Wenning GK, Stefanova N

AUTO-IMMUNE AUTONOMIC GANGLIONOPATHY: A CASE REPORT
Elinx-Benizri S, Kitrey ND, Carter D, Agmon-Levin N, Sharabi Y

LRRK2 G2019S MUTATION STATUS AND ENVIRONMENTAL FACTORS AS MODULATORS OF AGE AT ONSET OF PARKINSON`S DISEASE

SPATIAL BIAS FOLLOWING AFFECTIVE METAPHORS IN PATIENTS WITH DEPRESSION
Biran I, Tripto A, Freund A

ACUTE CONFUSION WITH MULTIPLE DIFFUSED NON AMYLOID CEREBRAL MICROBLEEDS FOLLOWING UROSEPSIS: A CASE REPORT
Wilf-Yarkoni A, Giladi N, Auriel E

PARKINSON DISEASE CHARACTERISTICS IN PATIENTS WITH GAUCHER`S DISEASE

PEILEMINARY RESULTS WITH SELF ADMINISTERED GERCO-COGNITIVE EXAMINATION (SAGE) FOR MILD COGNITIVE IMPAIRMENT AND EARLY DEMENTIA
Scharff I, Asvdarian A, Treves T, Klimovitzki S, Regev R, Rosenberg M, Keret O, Steiner I, Glik A

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Bushi D, Chapman J, Shavit-Stein E, Tanne D

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