PROGRAM & ABSTRACTS

TEL-AVIV, 26-27 December 2006
PROGRAM & ABSTRACTS

Editor:
Prof. Avinoam Reches

Scientific Committee:

Prof. Rivka Inzelberg (Chairperson)

Dr. Ronit Gilad
Dr. Ruth Djaldetti
Dr. David Tanne
Dr. Alexander Lossos
Dr. Itzhak Schiller
ANNUAL MEETING OF THE ISRAEL NEUROLOGICAL ASSOCIATION

Tuesday, December 26, 2006

08:00-09:00 Registration

09:00-10:30 FIRST SESSION

Chairpersons: Dr. Gendelman R.
               Dr. Rapoport A.

No  | Time       | Authors                                                                 |
--- |-----------|-------------------------------------------------------------------------|
1   | 09:00-09:15 | Shenker A, Rosenmann H, Baitcher F, Milo R, Kahana E                  |
    |           | CSF 14-3-3 AND TAU PROTEINS IN CREUTZFELDT-JACOB                      |
    |           | DISEASE AND OTHER DEMENTIAS                                           |
2   | 09:15-09:30 | Lavon I, Zrihan D, Zelikovitch B, Fellig Y, Fuchs D, Soffer D,       |
    |           | Siegal T                                                              |
    |           | LONGITUDINAL ASSESSMENT OF GENETIC AND                                |
    |           | EPIGENETIC MARKERS IN OLIGODENDROGLIOMAS                              |
3   | 09:30-09:45 | Azoulay D, Urshansky N, Karni A                                       |
    |           | IMMUNE MEDIATED BDNF SECRETION AND NEURONAL                           |
    |           | SURVIVAL VIA CD40 STIMULATION IS DEFECTIVE IN                         |
    |           | RELAPSING REMITTING MULTIPLE SCLEROSIS                                |
4   | 09:45-10:00 | Boimel M, Grigoriadis N, Lourbopoulos A, Rozenstein L,               |
    |           | Mizrahi-Kol R, Touloumi O, Abramsky O, Rosenmann H                    |
    |           | INFLAMMATION IN CNS INCREASES ALZHEIMER'S                            |
    |           | DISEASE RELATED NEUROFIBRILLARY-TANGLE BURDEN:                       |
    |           | A STUDY OF EXPERIMENTAL AUTOIMMUNE                                    |
    |           | ENCEPHALOMYELITIS IN A TRANSGENIC ANIMAL                              |
    |           | MODEL FOR NEUROFIBRILLARY-TANGLES                                     |
5   | 10:00-10:15 | Ben-Itzhak R, Hausdorff JM, Simon ES, Giladi N                        |
    |           | METHYLPHENIDATE IMPROVES COGNITION AND REDUCES FAL                        |
    |           | LARGE RISK IN ELDERLY PEOPLE WITH INCREASED FAL RISK:                  |
    |           | SINGLE DOSE, PLACEBO CONTROLLED, DOUBLE-BLIND STUDY                   |
6   | 10:15-10:30 | Karussis D, Kassis I, Grigoriadis N, Mizrachi-Koll R, Ben-Hur T,      |
    |           | Slavin S, Abramsky O                                                  |
    |           | NEUROPROTECTION AND IMMUNOMODULATION OF CHRONIC                       |
    |           | EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS (EAE) WITH BONE MARROW      |
    |           | DERIVED MESENCHYMAL STEM CELLS (MSC)                                   |

10:30-11:30 POSTER SESSION & Coffee Break

POSTER # 36-57

-A-
SECOND SESSION

Chairpersons: Dr. Djaldetti R.
Prof. Gordon C.

11:30-11:45
Rosenmann H, Boimel M, Grigoriadis N, Lourbopoulos A, Rozenstein L, Touloumi O, Rosenmann D, Abramsky O
STATINS REDUCE NEUROFIBRILLARY-TANGLES (NFT) BURDEN IN A TRANSGENIC (TG) MOUSE MODEL FOR TAUOPATHY AND FOR ALZHEIMER'S-DISEASE (AD)

11:45-12:00
THE FREQUENCY OF LRRK2 G2019S MUTATIONS IN ASHKENAZI AND NON-ASHKENAZI JEWS WITH PARKINSON'S DISEASE IN ISRAEL; IMPLICATIONS FOR GENETIC TESTING

12:00-12:15
Balash Y, Gruendlinger L, Mordechovich M, Shabtai H, Naor S, Merims D, Giladi N
SUBJECTIVE MEMORY COMPLAINT IS AN IMPORTANT MARKER FOR AFFECTIVE OR COGNITIVE DECLINE AMONG NON-DEMENTED ELDERS

12:15-13:00
SCIENTIFIC LECTURE

13:00-14:30 Lunch Break
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<td>10</td>
<td>14:30-14:45</td>
<td>Bokstein F, Shpigel S, Blumenthal D</td>
<td><strong>TREATMENT OF RECURRENT HIGH-GRADE GLIAL TUMORS WITH BEVACIZUMAB AND IRINOTECAN: PRELIMINARY RESULTS</strong></td>
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<td>11</td>
<td>14:45-15:00</td>
<td>Gotkine M, Irony-Tur-Sinai M, Sicsic C, Brenner T</td>
<td><strong>A COMPARISON OF “ACETYLCHOLINE RECEPTOR SERONEGATIVE” MYAESTHENIA GRAVIS PATIENTS WITH AND WITHOUT AUTOANTIBODIES TO MUSK</strong></td>
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<td>14</td>
<td>15:30-15:45</td>
<td>Offen D, Lev N, Ickowicz D, Melamed E</td>
<td><strong>MODULATION OF DJ-1 EXPRESSION IN EAE: IMPLICATIONS FOR OXIDATIVE STRESS IN MULTIPLE SCLEROSIS</strong></td>
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<td>15</td>
<td>15:45-16:00</td>
<td>Auriel E, Landov H, Blatt I, Theitler J, Gandelman-Marton R, Chistik V, Margolin N, Gross B, Neufeld M</td>
<td><strong>QUALITY OF LIFE IN SEIZURE-FREE PATIENTS WITH EPILEPSY ON MONOTHERAPY</strong></td>
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<td>17</td>
<td>16:15-16:30</td>
<td>Ezra Y, Ekstein D, Afek A, Bar-Dayan Y</td>
<td><strong>THE MEDICAL CLASSIFICATION OF EPILEPSY TO MILITARY SERVICE - A CHANGE IN THE MILITARY CONCEPT</strong></td>
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<td>18</td>
<td>16:30-16:45</td>
<td>Raphaeli G&lt;sup&gt;1&lt;/sup&gt;, Gomori JM&lt;sup&gt;2&lt;/sup&gt;, Cohen JE&lt;sup&gt;2&lt;/sup&gt;, Steiner I&lt;sup&gt;4&lt;/sup&gt;</td>
<td><strong>UNSUSPECTED CEREBROVASCULAR PATHOLOGY IN SPONTANEOUS DISSECTION OF THE CAROTID AND VERTEBRAL ARTERIES</strong></td>
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<td>19</td>
<td>16:45-17:00</td>
<td>Yarnitsky D, Crispel Y, Granovesky Y, Eisenberg E, Ben-nun A, Sprecher E, Best L, Granot M</td>
<td><strong>THE EXTENT OF ENDOGENOUS PAIN INHIBITION PREDICTS DEVELOPMENT OF FUTURE PAIN</strong></td>
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פסנתר מוסיקליים

"דר" רוני מילוא
ולחתת כל הנגנים "הברחתנאים"

18:30-19:00  
Light Dinner

19:00-21:00  
UPDATE IN NEUROLOGY

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Chairperson: Prof Bokstein F.

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"דר" אלכסנדר בלטן
מחלות ניוירולוגיה וניהול רופאים

"דר" אלכסנדר לוטוס
סימפוליום חדיש בטרשת מופצת

"דר" רוני מילוא
סימפלום החדיש בטרייפלר

"דר" יונתן שטרייפלר

-D-
Wednesday, December 27, 2006

08:30-10:30  FOURTH SESSION

Chairpersons:  Dr. Ekstein D.
               Dr. Pollak L.

No  
20  08:30-08:45  Friedman-Levi Y, Ovadia H, Einstein O, Abramsky O, Gabizon R 
               EARLY DEATH OF SCRAPIE INFECTED MICE AFTER 
               INDUCTION OF EAE

21  08:45-09:00  Dabby R, Sadeh M, Gilad R, Lampl Y, Rapoport A, Watemberg N 
               ACUTE SEVERE NEUROPATHIC PAIN INDUCED BY 
               CORRECTION OF SERUM GLUCOSE LEVELS IN DIABETIC 
               PATIENTS

22  09:00-09:15  Inzelberg R, Mazarib A, Masarwa M, Strugatsky R, Baldwin C, 
               Farrer L, Friedland RP 
               EXCLUSION OF THE G2019S LRRK2 MUTATION IN SPORADIC 
               PARKINSON'S DISEASE IN ARABIC VILLAGES IN ISRAEL: A 
               DOOR-TO-DOOR PREVALENCE STUDY

23  09:15-09:30  Lev N, Melamed E, Offen D 
               THE PARKINSON'S DISEASE-ASSOCIATED DJ-1 PROTEIN 
               PROTECTS AGAINST DOPAMINE TOXICITY BY 
               UPREGULATING ITS VESICULAR SEQUESTRATION

24  09:30-09:45  Balas M, Manor D, Giladi N, Karni A 
               MOTOR REPRESENTATIONS OF WELL-PRACTICED 
               HANDWRITING VERSUS NOVEL MOTOR SEQUENCES OF 
               GRAPHOMOTOR OUTPUT: AN fMRI STUDY

25  09:45-10:00  Telman G, Kuperberg E, Sprecher E, Yarnitsky D 
               COUNTABLE AND UNCOUNTABLE MICROEMBOLIC SIGNALS 
               IN FIRST-EVER STROKE PATIENTS WITH PFO AGED LESS AND 
               MORE THAN FORTY FIVE

26  10:00-10:15  Ekstein D, Yaari Y 
               ROLE OF ZINC IN EPILEPTOGENESIS

27  10:15-10:30  Cymerblit A, Schiller Y 
               NETWORK DYNAMICS DURING DEVELOPMENT OF EPILEPTIC 
               SEIZURES IN EXPERIMENTAL EPILEPSY

10:30-11:30  POSTER SESSION & COFFEE BREAK

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<td>Dr. Mashallah R.</td>
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<td>28</td>
<td>14:00-14:15</td>
<td>Eisenberg E, Adler R</td>
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<td>SPINAL CORD STIMULATION VERSUS CONVENTIONAL MEDICAL MANAGEMENT: A MULTICENTRE RANDOMISED CONTROLLED TRIAL OF PATIENTS WITH FAILED BACK SURGERY SYNDROME (PROCESS STUDY)</td>
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<td>Barzilay R, Ben-Zur T, Bulvik S, Melamed E, Offen D</td>
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<td>LENTIVIRAL TRANSDUCTION OF DOPAMINERGIC GENES: A POSSIBLE STRATEGY FOR CELL THERAPY IN PARKINSON’S DISEASE</td>
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<td>Eichel R, Keidar M, Leker RR</td>
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<td>PRIOR USE OF STATINS DOES NOT AFFECT OUTCOME MEASURES IN PATIENTS WITH INTRACEREBRAL HEMORRHAGE</td>
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<td>14:45-15:00</td>
<td>Gross B, Schwartz R, Bornestein NM, Tanne D</td>
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<td>A NATIONAL SURVEY OF ACUTE ISCHEMIC STROKE INCIDENCE IN ISRAELI ARAB VS JEWISH PATIENTS</td>
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<td>32</td>
<td>15:00-15:15</td>
<td>Schiller Y, Najjar Y</td>
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<td>QUANTIFYING THE RESPONSE TO NEW ANTI EpILEPTIC DRUGS – THE EFFECT OF PAST TREATMENT HISTORY</td>
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<td>33</td>
<td>15:15-15:30</td>
<td>Tanne D, Koren-Morag N, Goldbourt U</td>
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<td>RENAL DYSFUNCTION AND RISK OF ISCHEMIC STROKE OR TIA</td>
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<td>Rotstein A, Lewy H, Kahana E, Marrosu MG, Cocco E, Laron Z, and the Israeli MS study group</td>
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<td>ABNORMAL SEASONALITY OF MONTH OF BIRTH IN MULTIPLE SCLEROSIS</td>
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<td>35</td>
<td>15:45-16:00</td>
<td>Eremin E, Gurevich T, Davrath LR, Mosek A</td>
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<td>EVALUATION OF THE AUTONOMIC NERVOUS SYSTEM FUNCTIONING IN PATIENTS WITH CLUSTER HEADACHE</td>
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POSTER SESSION

Tuesday, December 26, 2006

No 36  Charbit J, Lavon I, Abramsky O, Ovadia H
AQUAPORIN-4 IS INHIBITED IN RATS WITH EAE

37  Mayer- Sonnenfeld T, Atias H, Friedman-Levi Y, Neufeld EF, Gabizon R
ACCUMULATION OF GAGs IN LISOSOMES DELAYS PrPSc DEGRADATION
AND PROLONGS PRION DISEASE INCUBATION TIME

38  Newman JP, Kavenshtock N, Schikler E, Meiner Z
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SYNDROME PATIENTS

39  Djaldetti R, Hassin-Baer S, Farrer MJ, Treves TA, Barnhum Y, Hulihan M, Yust-
Katz S, Melamed E
CLINICAL CHARACTERISTICS OF PARKINSON'S DISEASE AMONG JEWISH
ETHNIC GROUPS IN ISRAEL

40  Kimiagar I, Klein C, Bas A, Rabey JM
CAROTID ARTERY STENTING IN HIGH-RISK PATIENTS WITH CAROTID
ARTERY STENOSIS NOT ELIGIBLE FOR ENDARTERETOMY: CLINICAL
OUTCOME AFTER FIVE YEARS: A RETROSPECTIVE ANALYSIS

41  Gurevich T, Balash Y, Giladi N, Balas M
COGNITIVE FUNCTIONS IN MSA-P AND MSA-C PATIENTS

I-123 MIBG CARDIAC SCINTIGRAPHY AND AUTONOMIC TEST EVALUATION
IN MULTIPLE SCLEROSIS PATIENTS

43  Merims D, Giladi N, Grudlinger L, Mordechovich M, Horovitz I, Hausdorff JM
THE PULL TEST AND COGNITIVE FUNCTION: TWO UNLIKELY
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44  Schwartz R, Merzeliak O, Schwammenthal Y, Philips T, Orion D, Tanne D
HEMOGLOBIN LEVEL AND CLINICAL OUTCOME IN PATIENTS WITH
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45  Sasson E, Doniger GM, Simon ES, Assaf Y
AGE-RELATED COGNITIVE DECLINE MEASURED BY COMPUTERIZED
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BY Q-SPACE MRI

46  Israel Z, Newman JP
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STIMULATION SURGERY FOR PARKINSON’S DISEASE

47  Ash E, Chung J, Finan G, Tae-Wan K
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AND NgR

-H-
No 48 Blumenthal DT, Bokstein F, Kanner AA, Freedman S, Sett R, Ram Z
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THE LONG-TERM EFFECT OF BOTULINUM-TOXIN FOR POST-WHIPLASH PAIN SYNDROME

50 Rabey JM, Prokhorov T, Dobronevsky E, Miniovitch Ala, Pollak L, Khaigrckht M, Klein C
COMPARISON OF THE SCOPA-Cog , MMSE AND MATTIS DEMENTIA RATING SCALE IN PARKINSON'S DISEASE PATIENTS (PDpts) AND AGE MATCHED CONTROLS

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52 Arzy S, Blanke O
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ACUTE INTERNUCLEAR OPHTALMOPLEGIA WITH A CENTRAL VESTIBULAR SYNDROME IN ROLL

54 Manor Y, Balas M, Giladi N, Mootanah R, Cohen JT
ANXIETY, DEPRESSION AND SWALLOWING DISORDERS IN PATIENTS WITH PARKINSON’S DISEASE

55 Zayit- Soudry S, Kesler A
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56 Almazov I
MENINGISMUS IS A COMMONLY OVERLOOKED FINDING IN TENSION-TYPE HEADACHE IN CHILDREN AND ADOLESCENTS

57 Pollak L, Zeleni O, Kimigiar Y, Rabey JM
THE EFFECT OF OCULAR LATEROPULSION ON HEMIANOPIA
POSTER SESSION

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58 Kouperberg E, Telman G, Sprecher E, Gruberg L, Beyar R, Yarnitsky D
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59 Keizman D, Rogowski O, Berliner S, Artmonov I, Maimon N, Gross D, Drory VE
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60 Ifergane G, Zlotnik Y, Harari I, Wirguin I
DISTAL MEDIAL PLANTAR NEUROPATHY IN INFANTRY RECRUITS

CORTICAL REORGANIZATION FOLLOWING CONSTRAINT-INDUCED MOVEMENT THERAPY (CIMT)

62 Plotnik M, Giladi N, Hausdorff JM
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64 Maaravi R, Karni A
PRACTICE BY IMAGERY VS. ACTUAL PRACTICE DURING THE ACQUISITION OF A COGNITIVE SKILL

65 Siegal T, Fuchs D, Zrihan D, Zelikovitch B, Fellig Y, Lavon I
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66 Yust-Katz S, Ziv I, Melamed E, Lorberboym M, Djaldetti R
[123I]-FP-CIT SPECT IMAGING OF DOPAMINE TRANSPORTERS IN PATIENTS WITH RECURRENT SUDDEN FALLS

67 Liberman A, Karussis D, Ben-Hur T, Leker R
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Dorodnicov E, Gelfand A, Lebedev V, Milo R
**DOLICHOECTASIA OF THE VERTEBRAL ARTERY PRESENTING AS ACUTE VESTIBULAR SYNDROMES**

Porat O, Cohen OS, Schwartz R, Hassin-Baer S
**BEHAVIORAL AND PSYCHIATRIC MANIFESTATIONS FOLLOWING DEEP BRAIN STIMULATION OF THE SUBTHALAMIC NUCLEUS IN PARKINSON’S DISEASE: CAN WE IDENTIFY PREDISPOSING FACTORS?**

Gordon C.R, Gadot N
**ACUTE VERTIGO WITH VERTICAL DIPLOPIA: NOT ALWAYS A BRAINSTEM OR CEREBELLAR LESION**

**THE CJD RATING SCALE: A NEW TOOL FOR EVALUATION OF NEUROLOGIC SYMPTOMATOLOGY IN EARLY CJD PATIENTS**

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**CHRONOTHERAPY USING CORTICOSTEROIDS FOR MULTIPLE SCLEROSIS RELAPSES**

Goldstein FC, Doniger GM, Simon ES, Lah JJ, Levey AI, Dwolatzky T
**COMPUTERIZED COGNITIVE ASSESSMENT PREDICTS CONVERSION TO DEMENTIA WITHIN TWO YEARS: INTERIM ANALYSIS OF A PROSPECTIVE STUDY OF MCI**

Shihman B, Gruendlinger L, Hausdorff JM, Giladi N, Gurevich T
**EFFECTS OF MOTOR AND COGNITIVE TASKS ON HEMODYNAMIC PARAMETERS IN ORTHOSTATIC HYPOTENSION**

Prokhorov T, Klein C, Miniovitch A, Dobronevsky E, Spiegelman R, Rabey JM
**OUTCOME OF DEEP BRAIN STIMULATION (DBS) PROCEDURE IN PARKINSON’S DISEASE PATIENTS (PDPTS) AFTER 1 YEAR: THE ASSAF HAROFE EXPERIENCE**

Klein C, Prochorov T, Miniovitch A, Dobronevsky E, Kosic V, Spiegelman R, Rabey JM
**MOTOR-MOOD DISSOCIATION IN PARKINSON DISEASE PATIENTS (PDPTS) AFTER DEEP BRAIN STIMULATION (DBS) IN THE SUBTHALAMIC NUCLEUS (STN). ONE YEAR FOLLOW-UP**

Prushansky T, Cohen OS, Dvir Z, Hassin-Baer S
**QUANTITATIVE FUNCTIONAL MEASURES FOR THE EVALUATION OF BOTULINUM TOXIN INJECTIONS IN CERVICAL DYSTONIA**

Wertman E, Gertz S, Heilman KM
**LEFT UPPER LIMB ALLESTHESIA: A SUPRAMODAL HEMI CORPOREAL REPRESENTATIONAL DEFICIT OR A MULTICOMPONENTIAL DEFICIT?**

**CENTRAL NERVOUS SYSTEM TUBERCULOSIS: A CLINICO – PATHOLOGICAL PRESENTATION**