

**THE ELEVENTH TEL AVIV UNIVERSITY ALZHEIMER'S DISEASE
CONFERENCE**

**Sponsored by the Adams Super Center for Brain Studies, TAU
and**

The Tel Aviv Sourasky Medical Center (Ichilov), Tel Aviv

June 3rd – 4th, 2004

THURSDAY June 3rd – Lectures will be held at the Green House on the Tel Aviv University Campus.


Session in honor of the late Mrs. Miryam Lebach

08:00 - 08:30 Registration


08:30 - 08:40 Greetings: Prof. Yoel Klug, Dean, George S. Wise Faculty of Life Sciences;
Prof. Ran Tur-Kaspa, Vice-Dean, Sackler Faculty of Medicine;
Prof. Rami Rahamimoff, Chief Scientist, MoH

APOE AND NEUROINFLAMMATION


Moderators: Amos Korczyn, Danny Michaelson

08:40- 09:20	Thomas Wisniewski	ApoE/A β interactions in the pathogenesis and therapy of AD
09:20 - 09:40	Iftach Dolev	Isoform-specific effects of apoE4 on the nucleation and deposition of A β
09:40 – 10:00	Shlomo Rotshenker	The role of complement receptor-3 and microglia/macrophage activation in axonal degeneration
10:00 – 10:20	Gal Ophir	ApoE4 induces hyperactivation of brain inflammatory processes
10:20 – 10:40	Aviva Katzav	Inflammation of amyloid deposition and anti-phospholipid antibodies in APP transgenic mice
10:40 - 11:10	Coffee break	

ANIMAL MODELS**Moderators:** Abdalla Bowirrat, Shai Heinik

11:10 - 11:50	Joram Feldon	Animal models of cognitive functions
11:50 - 12:10	Hanna Rosenmann	Early onset cognitive deficits in transgenic mice expressing human tau protein with two mutations
12:10 - 12:30	Ari Barzilai	The role of ATM in cerebellar degeneration
12:30 - 12:50	Ruth Gabizon	The biochemistry of prion urine components
12:50 - 13:10	Esti Shohami	Activation of NMDA receptors: A provocative approach to the treatment of head injury
13:10 - 14:10	Lunch	

**Afternoon session in honor the late Mr. Jo and Mrs. Inez Eichenbaum
APP, ABETA AND TRANSMITTERS****Moderators:** Joab Chapman, Danny Offen

14:10 - 14:30	Drorit Neuman	Modulation of APP metabolism by streptomycin as derived components and by PKC
14:30 - 14:50	Michal Arbel	Inhibition of β -secretase cleavage on APP by site-directed antibodies
14:50 - 15:10	Ayelet Di-Segni	Neuregulin rescues PC-12-ErbB4 cells from A β -amyloid induced cell death
15:10 - 15:40	Coffee break	

CLINICAL DETERMINANTS OF DEMENTIA

Moderators: Mark Weiser, Eli Mizrahi

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| 15:40 – 16:00 | Daphna Atlas | Novel strategy for treating neurodegenerative diseases |
| 16:00 - 16:20 | Lilach Efrati | ApoE genotype and cognitive function in multiple sclerosis |
| 16:20 - 16:40 | Uri Goldbourt | The relationship between body height and dementia |
| 16:40 - 17:00 | Amos Korczyn | Prevention of the dementia epidemic |

FRIDAY June 4th – Lectures will be held at the Sourasky Medical Center (Ichilov), 6 Weizmann Street.

Main Auditorium - Floor -2.

THE STREIFLER LECTURE

Moderators: Therese Treves, Amiela Globerson

8:30 – 9:10	Rivka Ravid	Methodological, ethical and legal issues in biobanking for Alzheimer's disease
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PHARMACOLOGY AND THERAPY

In honor of Mrs. Barbara Sieratzki and Dr. Harry Sieratzki

9:10 – 09:30	Abraham Fisher	The therapeutic potential of M ₁ muscarinic agonists in Alzheimer's disease
09:30 – 09:50	Moussa Youdim	Ironing out iron with bifunctional chelators for treatment of neurodegenerative diseases
09:50 – 10:10	Martin Rabey	The effects of quetiapine in Parkinson dementia
10:10 – 10:30	Gabi Amitai	The bifunctional compound IBU-PO protects neurons from A β toxicity by inhibition of GSK-3 β

10:30 – 10:50	Coffee break 
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Poster :	Ramit Ravona	Religiosity predicts dementia in Israeli men.
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DIAGNOSTICS

Moderators: Judith Aharon-Peretz, Eli Wertman

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| 10:50 – 11:10 | Perla Werner | Lay beliefs about Alzheimer's disease |
| 11:10 – 11:30 | Thomas Wisniewski | Therapeutic and imaging approaches for Conformational Disorders |
| 11:30 – 11:50 | Yaniv Assaf | MRI indications of white matter neurodegeneration |
| 11:50 – 12:10 | Ely Simon | Executive function in MCI and early AD |
| 12:10 – 12:30 | Vered Aharonson | Human-computer interaction in neuropsychological tests for MCI:
A follow-up study |
| 12:30 – 12:50 | Ruth Zamir | The first international database for brain, body and cognitive measures. |
| 12:50 – 13:10 | Yehudit Hasin | A paradigm for SNP analysis: The case of the human acetylcholinesterase gene. |

Sponsored by: Teva, Novartis, Lundbek, Janssen Cilag, Biotest