

THE 13th TEL-AVIV UNIVERSITY ALZHEIMER'S DISEASE CONFERENCE

Sponsored by the Adams Super Center for Brain Studies, TAU

and

The Stuchynski-Ramat-Gan Center For Care and Research in Alzheimer's Disease

June 21-23, 2006

Wednesday, June 21 - Lectures will be held at the Lola Lecture Hall.

Sackler School of Medicine, Tel-Aviv University Campus.

08:00 - 08:30 Registration

08:30 - 08:40 Greetings: Prof. Yoel Kloog, Dean; George S. Wise, Faculty of Life Sciences;
Prof. Dov Lichtenberg, Dean, Faculty of Medicine;
Prof. Nava Zisapel, Head, Adams Super Center

MOLECULAR HALLMARKS OF NEURODEGENERATION

Session in honor of the late Mr. Joseph and Mrs. Inez Eichenbaum

Moderators: Amos Korczyn, Daniel Michaelson

- | | | |
|---------------|-------------------|---|
| 08:40 – 09:10 | Ehud Gazit | Amyloid fibrils and soluble oligomers formation:
Mechanism of association and novel directions
for inhibition |
| 09:10 – 09:30 | Daniel Michaelson | Mechanisms underlying amyloid- β and environmental
stimulation related pathological effects of ApoE4 |
| 09:30 - 09:50 | Karl Weisgraber | Role of apoE4 domain interactions in
neurodegeneration: an astrocyte connection |
| 09:50 - 10:10 | Hanna Rosenmann | A transgenic model for AD-related neurofibrillary
tangles |

10:10 – 10:40 **Coffee break**



NEUROPATHOLOGY AND EXPERIMENTAL THERAPY

Moderators: Judith Aharon, Yaniv Assaf

- | | | |
|---------------|------------------------|---|
| 10:40 – 11:00 | Jonathan Friedman | Metal chelators improve memory in aged
triple transgenic AD mice |
| 11:00 – 11:20 | Ronit Pinkas-Kramarski | Beclin 1 autophagy and neurodegeneration |
| 11:20 - 11:40 | Silvia Mandel | Molecular targets of dietary polyphenols for
prevention of Alzheimer's disease |
| 11:40 - 12:00 | Beka Salomon | Phage therapy in Alzheimer's disease |

- 12:00 – 12:20 Abraham Fisher M1 muscarinic agonists reverse brain pathology and cognitive deficits in Alzheimer models
- 12:20 - 12:40 Illana Gozes NAP: Neuroprotective drug development in AD

12:40 – 13:40

Lunch



Session in honor of the late Mrs. Miryam Lebach

PRION DISEASES

Moderators: Joab Chapman, Esther Kahana

- 13:40 - 13:50 Joab Chapman Prion diseases: Introductory remarks
- 13:50 - 14:20 Isak Prohovnik Advanced imaging of CJD
- 14:20 - 14:40 Ruth Gabizon Interaction of prions with other pathological processes
- 14:40 - 15:00 Albert Tarabulus On the function of the prion protein

15:00 - 15:30

Coffee break



INFLAMMATION AND NEURODEGENERATION

Moderators: Reuven Stein, Abdalla Bowirrat

- 15:30 – 16:00 Lon Schneider Anti-inflammation in the prevention and treatment of dementia
- 16:00 - 16:20 Lior Mayo Microglia: activation and cell death
- 16:20 - 16:40 Gal Ophir ApoE4 enhances brain inflammation by modulation of NF-kB signaling
- 16:40 - 17:00 Oleg Butovsky Induction of dendritic-like microglia by glatiramer acetate helps the brain resist AD
- 17:00 – 17:20 Ofer Harel Multiple imputation for correcting verification bias in estimating sensitivity and specificity of AD diagnosis

Thursday, June 22nd, 2006

Lectures will be held at the Stuchynski-Ramat-Gan Center
For Care and Research in Alzheimer Disease *

08:30 - 08:40 Greetings: Michael Davidson

THE STREIFLER LECTURE

Moderators: Daphna Kidron, Yakir Kaufman

08:40 - 09:20 Morris Freedman Frontotemporal dementia

EPIDEMIOLOGY

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

09:20 - 09:40	Eli Wertman	The epidemiology of dementia in Israel: Prevalence and risk factors
09:40 - 10:00	Yaron King	Caring for the elderly with dementia: The role and unmet needs of the family caregiver
10:00 - 10:20	Veronika Vakhapov	Screening for dementia in the Tel-Aviv elderly
10:20 - 10:40	Jeremia Heinik	Diagnosis of MCI in clinical practice: A descriptive study
10:40 - 11:00	Gary Sinoff	Comparing computerized program with pen and paper neuropsychology instruments in persons with MCI

11:00 - 11:30

Coffee break



CLINICAL DETERMINANTS OF DEMENTIA

Moderators: Doron Merims, Perla Werner

11:30 - 11:50	Uri Goldbourt	Skinfold thickness in midlife is associated with development of dementia
11:50 - 12:10	Therese Treves	Time course of executive dysfunction in AD
12:10 - 12:30	Eli Mizrahi	Serum albumin level and cognitive decline in elderly persons
12:30 - 12:50	Jacob Gindin	Europe prepares for aging: New horizons for demented patients

12:50 - 13:50

Lunch



MECHANISMS OF NEURODEGENERATION

Session in honor of Paulina and Manse Graubard

Moderators: Pnina Keren, Yitshal Berner

- | | | |
|---------------|-----------------|--|
| 13:50 - 14:10 | Ronit Sharon | Alpha synuclein in health and Parkinson's disease |
| 14:10 - 14:30 | Danny Offen | Bone marrow derived stem cells for autologous transplantation |
| 14:30 - 14:50 | Anat Biegon | A common denominator in diseases associated with cognitive deficits |
| 14:50 - 15:10 | Richard Ebstein | Association between measures of intelligence, social cognition and brain-derived neurotrophic factor (BDNF) Val66Met polymorphism in autism and healthy controls |

15:10 - 15:40

Coffee break



Neurodegeneration: Experimental and clinical

Moderators: Ina Weiner and Ilana Abramovich

- | | | |
|---------------|---------------|---|
| 15:40 - 16:00 | Ari Barzilai | DNA damage and neurodegeneration |
| 16:00 - 16:20 | Matti Mintz | Reevaluation of the striatal role in the expression of turning behavior in the rat model of Parkinson's disease |
| 16:20 - 16:40 | Baruch Shahal | Activities of daily living in an elderly population as predictors of dementia |
| 16:40 - 17:00 | Amos Korczyn | Depression and dementia |
-
- | | | |
|------------------|---------------|---|
| Posters : | Ilan Halperin | Cognitive assessments in elderly men in Relation to iron, transferrin and estradiol Levels: Preliminary results |
| | Amit Berson | Stress-induced attenuation of Alzheimer's beta- amyloid fibril formation |

Sponsored by: Teva, Unipharm, Novartis, Meditek and Pharmashalom

*** The Stuchynski-Ramat-Gan Center For Care and Research in Alzheimer's Disease** is located next to the old entrance to Sheba Medical Center, 1 Aharon Katzir St., Ramat-Gan.

Friday, June 23rd, 2006

Session will be held at Ichilov Hospital

Unusual case presentations with Morris Freedman

The meeting will take place at Ichilov hospital on Friday, starting at 08:30

6th floor, old Ichilov building

Number of seats limited. Please confirm attendance with Rachel at:

(03) 6973698

חניה חופשית בחניון ההנהלה

Colleagues who are interested in attending the meeting are kindly asked to fill in the registration form as soon as possible and return it to Liat - liatn@post.tau.ac.il.