

Sponsored by the Adams Super Center for Brain Studies, TAU,
The Stuchynski-Ramat-Gan Center for Care and Research in Alzheimer's Disease &
Harry Stern National Center for Research and Treatment of Alzheimer's disease
June 13-14, 2007

Wednesday, June 13, 2007

Lectures will be held at:

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

located next to the old entrance to Sheba Medical Center, 1 Aharon Katzir St., Ramat Gan

08:00 - 08:30 Registration

08:30 - 08:40 Greetings: Michael Davidson, Director of the Stuchynski-Ramat-Gan Center for Care and Research in Alzheimer's Disease
Yossi Mekori, Dean of Medicine
Illana Gozes, Director of the Adams Super Center for Brain Studies

Session in honor of Barbara Sieratzki and Harry Sieratzky

Chair: Michael Davidson and Natan Bornstein

- 08:40 - 09:20 *Kleopa A. Kleopas* **Limbic encephalitis: Autoimmune mechanisms and clinical phenotypes**
- 09:20 - 09:40 *Michael Davidson* Overlap between Alzheimer's disease and vascular dementia
- 09:40 - 10:00 *Yakir Kaufman* Impact of spirituality on Alzheimer's disease: Possible mechanisms
- 10:00 - 10:20 *Perla Werner* The use of a virtual supermarket for the analysis of executive functioning in persons with mild cognitive impairment and healthy persons
- 10:20 - 10:40 *Evelyn Shatil* Computerized cognitive training in aging adults: Potential and limitations

10:40 - 11:10 **Coffee break**



Session in honor of the Grauber family

Chair: Illana Gozes and Eli Mizrahi

- 11:10 - 11:30 *Therese Treves* Phenotype and proteinopathies in dementia/neurodegenerative disorders
- 11:30 - 12:10 *Michal Beeri* Epidemiological and neuropathological studies of the association of diabetes and dementia
- 12:10 - 12:50 *Ravi Anand* From bench to market: drug development for Alzheimer disease
- 12:50 - 13:30 *Majid Fotuhi* Metabolic syndrome, vascular injury and inflammation: Interacting pathways toward Alzheimer's pathogenesis

13:30 - 14:30 **Lunch**



Session in honor of the late Professor Max Streifler

Chair: Shlomo Noy and Judith Aharon-Peretz

14:30 – 14:50 **Dalia Gottlieb-Tanaka** Understanding creativity, dementia and the therapeutic environment

14:50 – 15:10 **Rivka Inzelberg** Vascular risk factors for Alzheimer's disease and mild cognitive impairment

15:10 – 16:30 **Round table discussion: When, what and how to tell Alzheimer patients about their future, obligations and limitations.**

Participants: All the speakers of today's session

Thursday, June 14, 2007

Lectures will be held at the Green House, Tel-Aviv University Campus. Please note that this is taking us back to where we were several years ago

08:30 - 08:40 Greetings: Prof Yoel Kloog, Dean of Life Sciences

THE BLANCH PRINCE LECTURE

Chairs: Amos Korczyn and Danny Michaelson

08:40 - 09:20 *Charles Weissmann* How do prion strains target specific cells?

TAU and APOE

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

09:20 - 09:40 *Evan Elliott* The chaperone BAG-1 regulates tau stability and is preferentially expressed in AD brains

09:40 - 10:00 *Hanna Rosenmann* Statins reduce neurofibrillary-tangle burden in a transgenic mouse model for tauopathy and Alzheimer's disease

10:00 - 10:20 *Haim Beilinson* The role of A β in apoE4-mediated neuropathology

10:20 - 10:40 *Iftach Dolev* The effects of apoE4 on A β oligomerization in vivo

10:40 - 11:10

Coffee break



A β AND PRESENILINS

Session in honor of the late Mrs. Miryam Lebach

Chairs: Reuven Stein and Joab Chapman

11:10 - 11:50 *Frédéric Checler* Novel function of presenilins as regulators of A β Degradation in Alzheimer's disease

11:50 - 12:10 *Beka Solomon* Phage therapy in AD/PD

12:10 - 12:30 *Michal Arbel* A Novel immunotherapy for Alzheimer's Disease antibodies against β -secretase Cleavage Site of APP

12:30 - 12:50 *Nechama Kosower* The Calpain-Calpastatin system in APP transgenic mice and in A β toxicity

12:50 - 13:20 *Gal Bitan* Structure-based design of inhibitors of amyloid β -protein oligomerization and toxicity

13:20 – 14:20

Lunch



NEUROPATHOLOGY THERAPY AND MODELS

Session in honor of the late Leah Superstein who passed away last year

Chairs: Illana Gozes and Abraham Fisher

- 14:20 – 14:40 **Dan Frenkel** A nasal proteasome based adjuvant activates microglia and prevents amyloid deposition
- 14:40 – 15:00 **Menahem Segal** Dendritic spine is a sensitive assay for neuronal functionality
- 15:00 – 15:20 **Abraham Fisher** M₁ muscarinic receptors as a therapeutic target in CNS neurodegenerative diseases
- 15:20 – 15:40 **Illana Gozes** A novel mouse model of neuropathy: protection by NAP
- 15:40 – 16:20 **Manfred Windwich** Animal models of Alzheimer's disease: their value for drug testing

16:20 – 16:50

Coffee break



16:50 – 17:30 **Round table discussion: The validity and use of animal models in Alzheimer's disease**

Moderators: Amos Korczyn and Danny Michaelson

Participants: All the speakers of today's session

Supported by: Teva, Lundbeck, Mediatek, Novartis, Unipharm, Janssen Cilag, Enzymotec

Mark your calendar

Next Year

The 15th Tel-Aviv University Alzheimer's Disease Conference

Will be held on Monday & Tuesday

June 16-17, 2008