

**THE SEVENTH 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 1st - 2nd, 2000**

**COVALDO SYMPOSIUM**

**Thursday June 1st - Lectures will be held at the Marcelle Gordon University Club**  
**(The Green House)**

08:00 - 08:30 Registration

08:30 - 08:45 Greetings and Opening Address – **David Horn**

Morning session in honour of the late Mrs. Miryam Lebach  
**ALZHEIMER NEUROPATHOLOGY AND MODELS**

Moderators: **Danny Michaelson, Joab Chapman**

08:45 - 09:30 **Streifler Lecture:** Neuropathology of Alzheimer's disease - **Kurt Jellinger**

09:30 - 10:00 Biological markers in Alzheimer's disease - **Amos Korczyn**

10:00 - 10:30 Beta amyloid in plasma as biomarker for Alzheimer's disease - **Alexander Kurz**

10:30 - 11:00 Coffee break



11:00 - 11:25 Neuronal plasticity and oxidative stress - The missing link - **Menachem Segal**

11:25 - 11:50 Neurodegeneration in APP and SOD overexpressed mice - **Silvia Mandel**

11:50 - 12:15 The molecular mechanisms of dopamine toxicity - **Ari Barzilai**

12:15 - 12:40 Modulation of protein synthesis: A novel function of presenilins - **Reuven Stein**

12:40 - 1:05 The role of ErbB-4 receptor tyrosine kinase and NDF in neuronal survival and differentiation - **Ronit Pinkas-Kramarski**

1:05 - 1:30 Neuropeptides and novel genes associated with neurodegeneration - **Illana Gozes**






1:30 - 2:30: Lunch

Afternoon session in honor of the late Mr. Jo and Mrs. Inez Eichenbaum

## ALZHEIMER TREATMENT

Moderators: **Max Streifler, Judith Aharon**

- 2:30 - 2:55 Novel rasagiline-derived cholinesterase-monoamine oxidase inhibitors with neuroprotective properties - **Moussa Youdim**
- 2:55 - 3:20 TV3326: A drug with multiple actions for the treatment of Alzheimer's disease - **Martha Weinstock**
- 3:20 - 3:45 Structural studies of complexes of anti-Alzheimer drugs with acetylcholinesterase - **Israel Silman**
- 3:45 - 4:10 Multifaceted role of acetylcholinesterase in Alzheimer's disease - **Shlomo Seidman**
- 4:10 - 4:40 Coffee break 
- 4:40 - 5:05 M1 muscarinic agonists as potential disease-modifying agents in Alzheimer's disease - **Abraham Fisher**
- 5:05 - 5:30 Generation of anti-aggregating antibodies against beta-amyloid: Towards Alzheimer's disease vaccination - **Beka Solomon**
- 5:30 - 5:55 Alzheimer's beta amyloid and lipid metabolism: A missing link? - **Alexei Koudinov**
- 5:55 - 6:20 Prion components(s): New approaches for the elucidation of the prion structure - **Ruth Gabizon**



**Friday June 2nd - Lectures will be held at Hall M-1, Sourasky Medical Center (Ichilov)**

Morning session in honour of the Mrs. Barbara Sieratzki and Mr. Harry Sieratzki  
**BIOMARKERS OF ALZHEIMER'S DISEASE AND APOLIPOPROTEIN E**

Moderators: **Amos Korczyn, Zeev Meiner**

09:00 - 09:25 CSF markers for predicting conversion to dementia in patients with memory complaints - **Alexander Kurz**

09:25 - 09:50 Conversion of minimal cognitive impairment to dementia in Wadi Ara - **Abdalla Bowirrat**

09:50 - 10:15 Homocysteine metabolism in Alzheimer's disease - **Eli Mizrahi**

10:15 - 10:40 Cholinergic peripheral receptors and scopolamine challenge in the diagnosis of dementia - **Martin Rabey**

10:40 - 10:50 Color sensitivity in Alzheimer patient - **Arieh Solomon**

10:50 - 11:15 Coffee break



11:15 - 11:45 Serological markers of Alzheimer's disease and neurodegeneration - **Micky Schwartz**

11:45 - 12:10 Dietary lipids and Alzheimer's disease - **Rob Friedland**

12:10 - 12:35 Model studies of the role of apoE in neurodegeneration - **Danny Michaelson**

12:35 - 13:00 ApoE genotype: The other neurodegenerative diseases - **Joab Chapman**

13:00 - 13:25 Imaging in the diagnosis of Alzheimer's disease - **Irith I. Reider-Groswasser**

..... 13:25 Concluding remarks

**Supported by the Humanitarian Fund**