

TENTATIVE PROGRAM OF
THE THIRD TEL AVIV UNIVERSITY CONFERENCE
ON ALZHEIMER'S DISEASE
May 26 - 27 1996

Sunday May 26 1996

Morning session in honor of Mr. Simon Revah-Kabelli
CELLULAR AND MOLECULAR MODELS OF NEURODEGENERATION

Moderator: D.M. Michaelson, Tel Aviv

8:45 - 9:00: Opening Remarks: D.M. Michaelson

9:00 - 9:45: Importance of lipoprotein receptors for the differential effects of the
apolipoprotein E isoforms on neurite outgrowth
Speaker: R.E. Pitas, San Francisco

9:45 - 10:30: Effects of apolipoprotein E isoforms on axonal growth and synapse
formation *in vitro*
Speaker: S. Catsicas, Geneva

10:30 - 11:00: Coffee break



11:00 - 11:30: Inhibition of β amyloid fibrinogenesis by specific monoclonal
antibodies
Speaker: B. Solomon, Tel Aviv

11:30 - 12:00: Molecular mechanisms of programmed cell death
Speaker: A. Barzilai, Tel Aviv

12:00 - 12:30: Polyamines and agmatine in nerve cell survival
Speaker: G.M. Gilad, Tel Aviv

12:30 - 1:00: Glutamine synthetase and neuronal cell death
Speaker: L. Vardimon, Tel Aviv



1:00 - 2:00: Lunch


Afternoon session in honor of the late Mrs. Miriam Lebach
NEUROTRANSMITTERS, NEUROMODULATORS AND ALZHEIMER'S DISEASE
Moderator: A.D. Korczyn, Tel Aviv

2:30 - 3:00: Melatonin replacement therapy in aging and Alzheimer's Disease
Speaker: N. Zisapel, Tel Aviv

- 3:00 - 3:30 : Novel M₁ agonists: From symptomatic treatment towards delaying the progression of Alzheimer's disease
Speaker: A. Fisher, Ness Ziona
- 3:30 - 4:00: Novel therapeutic strategies of Alzheimer's disease by M₁ muscarinic agonists based on activation of distinct transduction pathways
Speaker: E. Heldman, Ness Ziona
- 4:30 - 5:00: Synaptic alterations and memory deterioration in Alzheimer's disease: A computational study
Speaker: E. Rupin, Tel Aviv

Monday May 27 1996

Morning session in honor of Mrs. Miriam T. De Gold
ANIMAL MODEL AND HUMAN STUDIES
Moderator: R. Friedland, Cleveland

- 9:00 - 9:45: Memory deficiencies and cholinergic impairments in apolipoprotein E deficient mice
Speaker: D.M. Michaelson, Tel Aviv
- 9:45 - 10:30: *In vivo* synaptotropic effects of apolipoprotein E
Speaker: E. Masliah, San Diego
- 10:30 - 11:00: Coffee break 
- 11:00 - 11:30: Investigation by blood flow imaging of human cortical cholinergic subsystems
Speaker: I. Prohovnik, Tel Hashomer
- 11:30 - 12:00: Genotyping of familial Alzheimer's disease in Israel
Speaker: A. Friedman, Tel Hashomer

THE FIRST STREIFLER LECTURE IN NEURODEGENERATION

Moderator: M.B. Streifler

- 12:00 - 12:45: Prospective drugs in Alzheimer's disease
Speaker: L.J. Thal, San Diego

CONCLUDING REMARKS

A.D. Korczyn