A Conference on Neurodegenerative Diseases in Memory of the Late Professor Irith Ginzburg (1943-2008)

Wednesday January 13, 2010
Ebner Auditorium
Weizmann Institute of Science
Rehovot, Israel

Program

Session 1  09:00 – 09:15
Chair: Yitzhak Koch
Introductory Remarks
Uriel Littauer
Founder, Department of Neurobiology, Weizmann Institute of Science
Yadin Dudai
Head, Department of Neurobiology, Weizmann Institute of Science
Haim Garty
Vice President, Weizmann Institute of Science

Session 2  09:15 – 11:00
Chair: Zvi Vogel
09:15 Synergistic Interactions between Molecular Risk Factors of Alzheimer’s Disease
Daniel Michaelson
Tel Aviv University, Israel
09:40 Slow Neuronal Death in Culture: a Model for Neurodegenerative Diseases
Menahem Segal
Weizmann Institute of Science, Israel
10:05 Mechanisms of Oxidative and Metal Stresses in Yeast
Claudina Rodrigues-Pousada
The New University of Lisbon, Portugal
10:35 Stem Cells Secreting Neurotropic Factors: Potential Therapy for Neurodegenerative Diseases
Eldad Melamed
Tel Aviv University, Israel
11:00 Coffee Break

Session 3  11:30 – 13:30
Chair: Tony Futerman
11:30 Tau Protein Functions
Jesus Avila
The Autonomic University of Madrid, Spain
12:00 Regulation of the Tau Protein Stability by the Chaperone Complex
Evan Elliot and Irith Ginzburg
Weizmann Institute of Science, Israel
12:25 Tau Pathology in Alzheimer Disease: Lessons from Inducible Transgenic Mice
Eva-Maria Mandelkow
Max Planck Institute, Hamburg, Germany
12:55 Tau Pathology: Animal Models, Risk Factors and Therapeutic Approaches
Hannah Rosenmann
Hadassah Hebrew University Medical Center, Israel
13:20 Lunch Break

Session 4  14:20 – 15:30
Chair: Alon Chen
14:20 The Pivotal Role of Blood Macrophages in Fighting Neurodegenerative Diseases
Michal Schwartz
Weizmann Institute of Science, Israel
14:45 Davunetide: Microtuble Protection and Cognitive Enhancement
Illana Gozes
Tel Aviv University, Israel
15:10 Involvement of Hypoxia Inducing Factor (HIF) and its Related Genes in Dopaminergic Neurorescue and Neurorestoration in Animal Models of Parkinson’s Disease by Novel Multimodal Drugs
Mussa Youdim
School of Medicine, Technion, Israel
15:35 Structure of Tau, Aggregation and Aggregation Inhibitors
Eckhardt Mandelkow
Max Planck Institute, Hamburg, Germany

This Conference is supported by the Department of Neurobiology, by the Faculty of Biology, by the Benoziyo Center for Neurological Diseases and by the Maurice and Gabriela Goldschleger Conference Foundation at the Weizmann Institute of Science.