



TEL AVIV UNIVERSITY תל-אביב אוניברסיטת תל-אביב *The Movement Disorder Society*



Genetics in Parkinson's Disease

Focus on Ashkenazi Jews

In honor and memory of Prof. Max Streifler

Thursday, February 16th, 2012

Tel Aviv Sourasky Medical Center

Lecture Hall, floor -2

6 Weizmann St., Tel Aviv



Program:

Opening session: Clinical spectrum

Chairpersons: [Martin Rabey](#), [Avinoam Reches](#)

08:00-08:30 **Arrival & Refreshments**

08:30-09:10 **Welcoming and words in honor of Prof. Max Streifler**

[Gabi Barabash](#), General Manager, Tel Aviv Sourasky Medical Center, Israel

09:10-09:30 **Overview about the natural history of PD**

[Stanley Fahn](#), Columbia University, N.Y., USA

09:30-09:50 **Genetics of PD**

[Susan Bressman](#), Beth Israel Medical Center, N.Y., USA

09:50-10:10 **Clinical spectrum of LRRK2 and GBA mutation carriers**

[Karen Marder](#), Columbia Presbyterian Medical Center, N.Y., USA

10:10-10:30 **Clinical features of "healthy" LRRK2 and GBA mutation carriers**

[Anat Mirelman](#), Tel Aviv Sourasky Medical Center, Israel

10:30-11:00 **Round Table - When does PD start?**

([S. Fahn](#), [S. Bressman](#), [K. Marder](#), [N. Giladi](#))

11:00-11:30 **Coffee break**

Second session: Genetics

Chairpersons: [Ruth Djaldetti](#), [Rivka Inzelberg](#)

11:40-12:00 **Genetic of PD among the Ashkenazi Jews, risk and protection**

[Avi Orr-Urtreger](#), Tel Aviv Sourasky Medical Center, TAU, Israel

12:00-12:20 **The biology of LRRK2 in relation to PD**

[Matthew Farrer](#), University of British Columbia, Canada

12:20-12:40 **The biology of GBA in relation to PD**

[Ellen Sidransky](#), NIH, Bethesda, USA

12:40-13:00 **The role of tau in PD**

[Thomas Gasser](#), University of Tübingen, Germany

13:00-13:30 **Round table – Clinical testing and counseling**

([A. Orr-Urtreger](#), [M. Farrer](#), [E. Sidransky](#), [T. Gasser](#))

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

Third Session: Pre-diagnosis clinical markers

Chairpersons: [Sharon Hassin](#), [Tanya Gurevich](#)

14:30-14:45 **Smell dysfunction**

[John Duda](#), University of Pennsylvania, Philadelphia, USA

14:45-15:00 **Sleep disturbances**

[Eduardo Tolosa](#), University of Barcelona, Spain

15:00-15:15 **Ultrasound of the SN**

[Rachel Saunders-Pullman](#), Beth Israel Medical Center, N.Y., USA

15:15-15:30 **DAT scan**

[Kenneth Marek](#), Yale University, New Haven, USA

15:30-15:45 **PET Scan**

[David Eidelberg](#), Feinstein Institute for Medical Research, Manhasset, USA

15:45-16:15 **Round Table – clinical markers**

([J. Duda](#), [E. Tolosa](#), [R. Saunders Pullman](#), [K. Marek](#), [D. Eidelberg](#))

16:15-16:30 **Where are we going next - the basic scientist's vision**

[Eldad Melamed](#), Felsenstein Medical Research Center, TAU, Israel

16:30-16:45 **Where should we go – The clinician's vision**

[Amos Korczyn](#), Tel Aviv Sourasky Medical Center, Tel Aviv University, Israel

16:45 **Concluding remarks**

[Nir Giladi](#), Tel Aviv Sourasky Medical Center, Tel Aviv University, Israel