



NORTHWESTERN
UNIVERSITY

M Northwestern
Medicine



TEL AVIV UNIVERSITY
Sackler School of Medicine

Sagol School of
NEUROSCIENCE
Tel Aviv University

SYMPOSIUM

Medicine in the 21st Century

Tel Aviv University –
Northwestern University

Sunday – January 11

10:00–16:30

Shlezak Hall, Sackler School of
Medicine, Tel Aviv University

10:00 **Introductory remarks**

Prof. Yoav Henis, Vice President for Research and Development, TAU

Prof. Rex Chisholm, Vice Dean Scientific Affairs and Graduate Education, Northwestern University Feinberg School of Medicine

10:10 **Rex Chisholm**: *Genomic medicine: Discovery and implementation*

10:40 **Noam Shomron**: *Genome-wide expression profiling of human lymphoblastoid cell lines discover novel biomarkers*

11:00 **Susan Quaggin**: *New angiogenic targets in disease*

11:30 **Jonathan Leor**: *New targets for cardiac repair and regeneration*

11:50 **Karen B. Avraham**, Vice Dean, Sackler Faculty of Medicine

Uri Ashery, Head, Sagol School of Neuroscience

12:00 Lunch

12:45 **Nav Chandel**: *Cancer Research: Mitochondria as signaling organelles*

13:15 **Ilan Tsarfaty**: *Interplay between Met signaling and metabolism as a target for breast cancer therapy*

13:35 **Alfred L. George**: *Channelopathies*

14:05 **Nathan Dascal**: *Lithium, ion channels and bipolar disorder*

14:25 **Jim Surmeier**: *Calcium and selective neuronal vulnerability in Parkinson's disease*

14:55 **Bernard Attali**: *SK4 Ca²⁺-activated K⁺ channel is a critical player in cardiac pacemaker*

15:15 Coffee and cake

15:30 **Hagit Eldar-Finkelman**: *Lysosome as a therapeutic target in Alzheimer's disease and its regulation by GSK-3*

15:50 **Illana Gozes**: *Genes shared among autism, cancer and Alzheimer's disease: ADNP as a case study*

16:10 **Dimitri Krainc**: *Development of targeted therapies for neurodegenerative disorders*