

TAU-Stanford-UCSF/Gladstone-Buck Institutes Symposium

Toward Personalized Diagnosis and Drug Screening

Celebrating the Taube-Koret Global Collaboration
in Neurodegenerative Diseases

Sunday, Jan 12, 2020

Steinhardt Museum of Natural History, Tel Aviv University

- 9:00 **Coffee**
- 9:30 **OPENING:** Dean Abdussalam Azem, Karen B. Avraham, Uri Ashery, Harvey Cohen
- 9:45 **Matthew Porteus**, Stanford University
Genetic engineering to create reagents to treat and understand Huntington's Disease
- 10:30 **Miguel Weil**, Tel Aviv University
Establishment of a personalized diagnosis and drug screening system for patients with Huntington's disease
- 11:00 **Uri Ashery**, Tel Aviv University
Identifying alpha-synuclein aggregation using super-resolution microscopy: challenges and future directions
- 11:30 **Frank Longo**, Stanford University
Small molecule modulation of neurodegenerative signaling in Huntington's Disease: Morphological-behavioral-biomarker outcomes
- 12:15 **Light lunch**
- 13:00 **ROUNDTABLE:** *What pieces are we missing to cure Huntington's Disease?*
Moderated by **Dean Ehud Grossman**
- 13:15 **Hagit Eldar-Finkelman**, Tel Aviv University
Discovery and design of novel GSK-3 inhibitors for treating neurodegenerative disorders
- 13:45 **Steve Finkbeiner**, UCSF-Gladstone Institutes
Finding therapeutic targets and treatments for neurodegenerative disease with patient-derived stem cells, robotics and artificial intelligence
- 14:30 **Dan Frenkel**, Tel Aviv University
Targeting the role of astrocytes cellular senescence in the progression of neurodegenerative diseases
- 15:00 **Lisa Ellerby**, Buck Institute
Modeling Huntington's Disease with induced pluripotent stem cells
- 15:45 **Avi Ashkenazi**, Tel Aviv University
Identifying modulators of alpha synuclein levels and toxicity via ubiquitin signaling
- 16:15 **Blavatnik Drug Discovery Center Tour**

Pre-registration requested