







BIRAX UK-Israel Healthy Ageing Virtual Symposium

Wednesday June 2, 2021 12:00-15:00 UK, 14:00-17:00 ISR time

Featuring BIRAX Grant Awardees

Opening words

Mr Neerav Patel, Charge d'Affaires Prof. Abraham J. Domb, Chief Scientist Ministry of Science and Technology Prof. Karen B. Avraham, Tel Aviv University

Heidi Johansen-Berg, University of Oxford **Yaniv Assaf**, Tel Aviv University Connectome analysis of the ageing brain (Assaf)

Igor Ulitsky, Weizmann Institute of Science **Andrew Baker**, University of Edinburgh LncRNAs in vascular repair and regeneration (Baker)

Tara Keck, University College London Inna Slutsky, Tel Aviv University Hidden pathophysiology of hippocampal circuits at the presymptomatic stage in Alzheimer models (Slutsky) **Liran Shlush**, Weizmann Institute of Science

Elisa Laurenti, University of Cambridge Pre-leukemic hematopoietic stem cells: what do they do and how do we target them (Laurenti & Shlush)

Manuel Mayr, King's College London Eli Keshet, Hebrew University of Jerusalem SARS-CoV-2 RNAemia and proteomic trajectories inform prognostication in COVID-19 patients admitted to intensive care (Mayr)

Masashi Narita, University of Cambridge **Ittai Ben-Porath**, Hebrew University of Jerusalem

Cellular senescence enhances pancreatic beta cell maturity through genome-wide chromatin reorganization (Milan Patra & Narita) **Tunde Peto**, Queen's University Belfast **Dinah Zur**, Tel-Aviv Sourasky Medical Center **Anat Lowenstein**, Tel-Aviv Sourasky Medical Center & Tel Aviv University

Artificial intelligence algorithms for diagnosis and management of age-related macular degeneration (Peto)

Michael Glickman, Technion - Israel Institute of Technology

Thimo Kurz, University of Glasgow Does Sporadic Alzheimer's disease start with altered ubiquitin signaling? (Glickman)

Graduate students & Post-docs Rapid Fire Session

Riham Smoom (Yehuda Tzfati), Hebrew University

A single amino acid in RTEL1 determines telomere length in mice

