

# BIRAX UK-Israel Healthy Ageing Webinar

*A cross-disciplinary conference  
for the benefit of society*

Conference: October 13-14, 2020 | UK 09:00-12:00 , Israel 11:00-14:00

## Registration

Chairs: **Karen B. Avraham, Dame Linda Partridge, Peter St. George-Hyslop, Daniel Bar**  
Israel Academic Committee: **Ehud Cohen, Illana Gozes, Mira Marcus-Kalish, Dov Shmotkin**  
UK Academic Committee: **Sarah Harper, Karen Steel, Richard Siow**

*The goal of this Conference is to balance molecular advances with translational and clinical research, incorporating social, economic, environmental, and ethical aspects that are critical for the aged. By integrating the multiple aspects of ageing in a single Conference, we plan to create an essential dialogue and foster collaborations across disciplines.*

### Day 1: Tue, Oct 13, 2020

#### Greetings

**Karen Avraham, Vice Dean, Sackler Faculty of Medicine**  
**Neil Wigan OBE, the UK Ambassador to Israel**  
**Dame Shirley Porter**

**Chair:** Karen Steel

**Robin Franklin** (U of Cambridge): Regenerative capacity of adult CNS progenitor cells

**Illana Gozes** (TAU): A new look at Alzheimer's disease: diagnosis and treatment toward healthy ageing

**Anat Ben-Zvi** (BGU): Neuronal regulation of proteostasis collapse in the worm, a model for aging

*BREAK - 15 min*

**Chair:**

**Ehud Cohen** (HUJI): Mechanisms that link ageing process to late onset disorders associated with toxic protein aggregation

**Sharon Toker** (TAU): The depressive price of being a sandwich generation caregiver

**Dinah Zur** (TASMC/TAU): Algorithms for diagnosis and management of age-related macular degeneration

**Heidi Johansen-Berg** (U of Oxford): Microstructural MRI of the ageing brain

### Day 2: Wed, Oct 14, 2020

**Chair:** Mira Marcus-Kalish

**Sarah Harper** (U of Oxford): The Jerusalem Declaration on Ageing: Recommendations from the Anglo-Israel Symposium on Ageing, Jerusalem 2019

**Susan Greenfield** (U of Oxford): Neurodegeneration as an aberrant form of development: Developing a new approach to Alzheimer's disease

**Tarani Chendola** (U of Manchester): Explanations for social inequalities in healthy ageing in the UK

**Eli Keshet** (HUJI): Vascular ageing, rejuvenation and healthspan extension

*BREAK - 10 min*

**Chair:** Richard Siow

**Anne Schilder** (UCL): Novel approaches to the treatment of adult onset hearing loss; avenues and opportunities

**Haim Cohen** (BIU): Sirtuins in ageing

**Ehud Gazit** (TAU): Amyloid fibrils in metabolic disorders and neurodegenerative diseases

**Yossi Shiloh** (TAU): DNA repair and ageing

**Martin Hyde** (Swansea U): Quality of life, health inequalities, retirement and consumption in later life

