

# 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: Oct 13, 2020

**Greetings from Neil Wigan OBE, the UK Ambassador to Israel**

**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

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

**Sharon Toker** (TAU): Work stress, health and well-being, organizational cynicism, worksite health promotion

**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: Oct 14, 2020

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

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

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

**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

