



THE GUY FOUNDATION

2024 SPRING SERIES ON AGEING - PROGRAMME

All sessions 15:00hrs – 17:00hrs UK-time on Zoom

Our 9th symposia series focuses on ageing. Starting with understanding basic principles and current theories we will then investigate these in the light of insights from the application of physics to physiology and ageing.

Session 1: Wednesday 6 March

Genes regulating ageing and the quest for immortality

Introduction: Professor Alistair Nunn, The Guy Foundation and University of Westminster, UK

Speaker: Professor Joao Pedro Magalhaes, University of Birmingham, UK

Session 2: Wednesday 20 March

Understanding the mechanisms underlying epigenetic changes with age

Introduction: Professor Stanley Botchway, Central Laser Facility, STFC-UKRI, UK

Speaker: Dr Ken Raj, Altos Labs Cambridge Institute of Science, UK

Session 3: Wednesday 24 April

From exercise to mitochondrial health to ATPase

Introduction: Professor Alistair Nunn, The Guy Foundation and University of Westminster, UK

Speaker: Professor Wayne Frasch, Arizona State University, USA

Session 4: Wednesday 8 May

Thoughts on ageing mitochondria

Introduction: Dr Rhys Mould, University of Westminster, UK

Speaker: Professor Nick Lane, University College London (UCL), UK

Session 5: Wednesday 22 May

Quantum and thermodynamic perspectives on ageing and roundtable meeting

Introduction: Betony Adams, The Guy Foundation and University of KwaZulu Natal, South Africa

Speaker: Professor Alistair Nunn, The Guy Foundation and University of Westminster, UK

Roundtable discussion

The Guy Foundation is a non-profit organisation that facilitates the exploration of quantum electromagnetic and thermodynamic effects in biology to improve our understanding of health and disease. We do so through convening scientific meetings and curating a quantum biology and bioenergetics research programme.

To find out more, visit our website: www.theguyfoundation.org

To register for the live meetings, please contact Nina Copping: n.copping@theguyfoundation.org or subscribe to our YouTube Channel to catch up on the recordings <https://youtube.com/@theguyfoundation>



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Previous speakers

Professor Margaret Ahmad	Sorbonne University
Dr Clarice Aiello	UCLA
Professor Masashi Aono	Keio University
Dr Nathan Babcock	Howard University
Dr Wendy Beane	Western Michigan University
Dr Afshin Beheshti	KBR at NASA Ames Research Center
Professor Jimmy Bell	University of Westminster; Scientific Advisor to The Guy Foundation
Professor Stanley Botchway	Central Laser Facility, UKRI; Scientific Advisor to The Guy Foundation
Dr Wolfgang Brysch	MetrioPharm AG
Dr Ed Calabrese	University of Massachusetts
Professor Michal Cifra	Czech Academy of Sciences
Dr Dave Ecker	Ionis Pharmaceuticals
Professor Matthew Fisher	University of California Santa Barbara
Professor Wayne Frasch	Arizona State University; Scientific Advisor to The Guy Foundation
Dr David Furman	Buck Institute for Research on Aging
Professor Michael Hamblin	University of Johannesburg
Dr Theodore Goodson	University of Michigan
Dr Lise Hébert	Klox Technologies
Professor Judith Klinman	UCLA Berkeley
Dr Philip Kurian	Howard University; Scientific Advisor to The Guy Foundation
Professor Nick Lane	University College London
Professor Mike Levin	Allen Discovery Center at Tufts University
Dr Alasdair Mackenzie	Central Laser Facility, STFC-UKRI, Harwell
Dr Thomas H Marshburn	Sierra Space and retired NASA Flight Surgeon and Astronaut
Professor James Moon	Barts Heart Centre
Professor Karl Morton	University of Oxford
Dr Rhys Mould	University of Westminster
Professor Alistair Nunn	University of Westminster; Director of Science, The Guy Foundation
Professor Marco Pettini	Aix-Marseille University
Professor Martin Plenio	Ulm University
Dr Jan Pokorný	Czech Academy of Sciences
Professor Christopher D Porada	Wake Forest Institute for Regenerative Medicine
Professor Gregory Scholes	Princeton University
Professor Christoph Simon	University of Calgary
Dr Scott M Smith	Human Health and Performance Directorate, NASA Johnson Space Center
Steve Thorne	The Copernican Project
Professor Li-Heui Tsai	Picower Institute, MIT
Professor Jack Tuszyński	University of Alberta
Professor Gábor Vattay	Eötvös Loránd University
Brent Vaughan	Cognito Therapeutics
Professor Vlatko Vedral	University of Oxford
Professor Giuseppe Vitiello	University of Salerno
Professor Douglas C Wallace	The Children's Hospital of Philadelphia (CHOP)
Professor Steve Wedge	Cancer Research UK
Professor Jonathan Woodward	The University of Tokyo