



THE GUY FOUNDATION

QUANTUM BIOLOGY & BIOENERGETICS ONLINE LECTURES 2021 AUTUMN SERIES PROGRAMME

Series Chair: Professor Geoffrey Guy, Founder and Chairman, The Guy Foundation

Opening session: Wednesday 22 September

15:00hrs-17:00hrs BST

Professor Jimmy Bell, Head, Research Centre for Optimal Health, University of Westminster; Scientific Advisor to The Guy Foundation - *Introductory talk*

Professor Douglas C Wallace, Director, Center for Mitochondrial and Epigenomic Medicine at The Children's Hospital of Philadelphia Research Institute – *Electromagnetic coupling in the biological context*

Session 2: Wednesday 6 October

15:00hrs-17:00hrs BST

Dr Rhys Mould, Research Fellow, Research Centre for Optimal Health, University of Westminster – *Introductory talk*

Professor Michael Hamblin, Distinguished Visiting Professor, Laser Research Centre, University of Johannesburg - *Mechanisms of photobiomodulation and application to the brain*

Session 3: Wednesday 20 October

14:30hrs-16:30hrs BST **note different start time**

Professor Marco Pettini, Professor of Theoretical Physics, Aix-Marseille University – *Introductory talk*

Professor Jack Tuszyński, Professor of Physics and Adjunct Professor of Oncology, University of Alberta – *Uncovering electrodynamic design principles of living cells and a potential role of quantum interactions in cellular signal processing*

Session 4: Wednesday 3 November

15:00hrs-17:00hrs GMT

Dr Nathan Babcock, Postdoctoral Scholar, Quantum Biology Laboratory, Howard University – *Introductory talk*

Professor Margaret Ahmad, Director of Research, Institute of Biology Paris-Seine, Sorbonne University – *Therapeutic application of light and electromagnetic fields to reduce hyper-inflammation triggered by COVID-19*

Session 5: Wednesday 17 November

15:00hrs-17:00hrs GMT

Dr Philip Kurian, Founding Director, Quantum Biology Laboratory, Howard University; Scientific Advisor to The Guy Foundation – *Introductory talk*

Professor Christoph Simon, Institute for Quantum Science and Technology & Hotchkiss Brain Institute, University of Calgary - *Potential roles of radical pairs and photons in the brain*

Closing session: Wednesday 9 June

14:00hrs-16:30hrs GMT

Summary of the series talks and roundtable discussion

Timings are UK-time (BST to 31st October; GMT thereafter).

Attendance is by invitation from The Guy Foundation www.theguyfoundation.org



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PREVIOUS SPEAKERS

Professor Masashi Aono	Keio University, Japan
Professor Jimmy Bell	Research Centre for Optimal Health, University of Westminster, UK; and Scientific Advisor to The Guy Foundation
Professor Stanley Botchway	Central Laser Facility, STFC-UKRI, Harwell, UK; and Scientific Advisor to The Guy Foundation
Dr Ed Calabrese	University of Massachusetts, USA
Professor Michal Cifra	Czech Academy of Sciences, Czech Republic
Professor Wayne Frasch	Arizona State University, USA; and Scientific Advisor to The Guy Foundation
Dr Theodore Goodson	University of Michigan, USA
Professor Judith Klinman	College of Chemistry, UCLA Berkeley, USA
Dr Philip Kurian	Howard University, USA; and Scientific Advisor to The Guy Foundation
Professor Nick Lane	University College London, UK
Professor Mike Levin	Allen Center at Tufts University, USA
Professor Alistair Nunn	Visiting Professor, Research Centre for Optimal Health, University of Westminster, UK; and Director of Science, The Guy Foundation
Professor Marco Pettini	Aix-Marseille University, France
Professor Martin Plenio	Ulm University, Germany
Professor Gregory Scholes	Princeton University, USA
Professor Li-Heui Tsai	Picower Institute, MIT, USA
Professor Gábor Vattay	Eötvös Loránd University, Hungary
Professor Giuseppe Vitiello	University of Salerno, Italy

Written proceedings and video recordings of previous lectures
are available on our website:

www.theguyfoundation.org