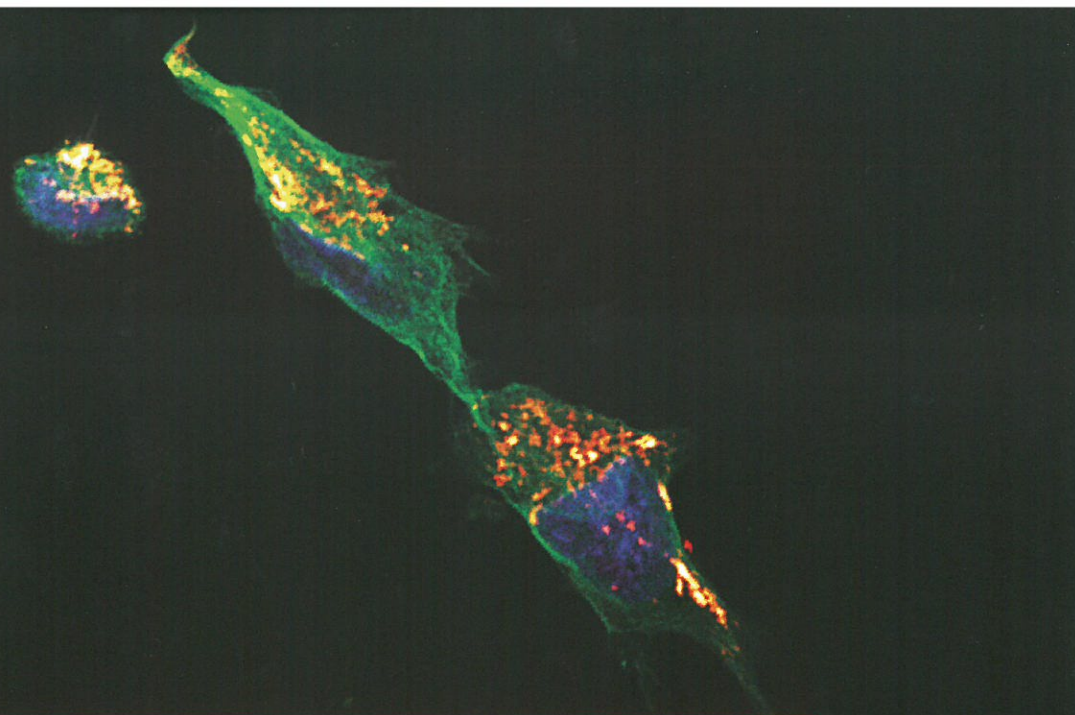


Cover image

Neural stem cells.
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Below

The Royal Society at Chicheley
Hall, Home of the Kavli Royal
Society Centre.



Scientific reasons to attend a Royal Society meeting

- international programme of leading speakers
- excellent networking interactions with peers
- extensive discussion
- captive audience in your field
- residential meetings allow conversations to continue and collaborations to develop

Wider benefits of attending a Royal Society meeting

- be inspired by the rich history of the Society and the life-changing scientific discoveries of its Fellows
- two unique locations
 - historic venue in the heart of London
 - retreat-like atmosphere in highly connected country setting
- great social interactions



Founded in 1660, the Royal Society
is the independent scientific academy
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excellence in science

Registered Charity No 207043
Issued: June 2015 DES3806

Scientific programme 2015 – 2016

CONNECT • INFLUENCE • INSPIRE

Royal Society meetings bring together scientists from around the world to present and discuss new research in all areas of science. Each meeting is organised by leaders in the field, using their expertise to ensure the key topics are covered.

The focus on discussion throughout the meeting allows everyone, at any stage of their scientific career, to get involved in the conversation.

For more information visit royalsociety.org/events

THE
ROYAL
SOCIETY

Scientific programme 2015 – 2016

LOCATIONS

The Royal Society

6 – 9 Carlton House Terrace,
London SW1Y 5AG

T +44 20 7451 2515

E discussion.meetings@royalsociety.org

The Royal Society at Chicheley Hall

Chicheley, Newport Pagnell,
Buckinghamshire MK16 9JJ

T +44 20 7451 2515

E kavli.events@royalsociety.org

14 – 15 September 2015

The interaction of fire and mankind

Organised by Professor Andrew Scott, Professor William Chaloner FRS, Dr Claire Belcher and Professor Chris Roos

28 – 29 September 2015

Long non-coding RNAs

Organised by Professor Leonard Lipovich, Professor John Rinn, Professor Douglas Higgs FRS, Professor Nicholas Proudfoot FRS and Professor Lynne Maquat

5 – 6 October 2015

Cells: from Robert Hooke to Cell Therapy – a 350 year journey

Organised by Professor Sir Ian Wilmut FRS, Professor Johan Hyllner and Professor Chris Mason

12 – 13 October 2015

Soft interfacial materials: from fundamentals to formulation

Organised by Professor Michael Cates FRS, Professor John Seddon, Dr Nicholas Brooks, Dr Paul Clegg and Professor Alex Lips

22 – 23 October 2015

Major transitions in human evolution

Organised in partnership with the British Academy by Professor Robert Foley FBA, Professor Chris Stringer FRS, Dr Marta Mirazón Lahr and Professor Lawrence Martin

26 – 27 October 2015

Cutting science in biology and engineering

Organised by Professor Gordon Williams FEng FRS, Professor Tony Atkins FEng, Professor Peter Lucas and Dr Maria Charalambides

9 – 10 November 2015

Dating species divergences using rocks and clocks

Organised by Professor Ziheng Yang FRS and Professor Philip C J Donoghue FRS

16 – 17 November 2015

Unifying physics and technology in light of Maxwell's equations

Organised by Professor Anatoly Zayats, Professor John Ellis CBE FRS and Professor Roy Pike FRS

23 – 24 November 2015

Mass spectrometry imaging – challenges and opportunities for next-generation capabilities

Organised by Professor Ian Gilmore, Professor John Vickerman, Professor R Graham Cooks, Professor Richard Caprioli and Professor Anne Dell CBE FMedSci FRS

7 – 8 December 2015

Biological and climatic impacts of ocean trace element chemistry

Organised by Professor Gideon Henderson FRS, Professor Ed Boyle, Professor Maeve Lohan, Dr Micha Rijkenberg and Dr Géraldine Sarthou

25 – 26 January 2016

Multi-scale modelling of the structural integrity of composite materials

Organised by Dr Peter Beaumont and Professor Constantinos Soutis

28 – 29 January 2016

The new bacteriology

Organised by Professor Steve Busby FRS, Professor Pascale Cossart ForMemRS and Professor David Holden FRS

28 – 29 January 2016

Interpreting BOLD: a dialogue between cognitive and cellular neuroscience

Organised by Dr Anusha Mishra, Professor David Attwell FRS, Dr Zebulun Kurth-Nelson, Dr Catherine N Hall and Dr Clare Howarth

1 – 2 February 2016

The origin, history and role of water in the evolution of the inner Solar System

Organised by Professor Monica Grady CBE, Professor Sara Russell and Professor Chris Ballentine

8 – 9 February 2016

Taking the temperature of phase transitions in cool materials

Organised by Professor Neil Mathur, Dr Xavier Moya and Dr Sohini Kar-Narayan

22 – 23 February 2016

Domain walls as new 2D functional materials

Organised Professor Marty Gregg, Professor Marin Alexe and Professor James Scott FRS

7 – 8 March 2016

Tackling emerging fungal threats to animal health, food security and ecosystem resilience

Organised by Professor Matthew Fisher, Professor Sarah Gurr and Professor Neil Gow

16 – 17 March 2016

Evolution brings Ca²⁺ and ATP together to control life and death

Organised by Professor Ole Petersen CBE FRS and Professor Alexej Verkhratsky

21 – 22 March 2016

Stratified turbulence in the 21st century – new insights on an increasingly important problem

Organised by Professor Paul Linden FRS, Professor Richard Kerswell FRS, Dr Colm-cille Caulfield, Dr Stuart Dalziel and Dr John Taylor

4 – 5 April 2016

Verified trustworthy software systems

Organised by Professor Philippa Gardner, Professor Mike Gordon FRS, Professor Greg Morrisett, Professor Fred Schneider and Professor Peter O' Hearn

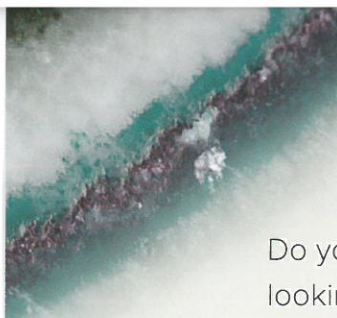
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INVITATION TO EXHIBIT

Be part of the Royal Society
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THE
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The Royal Society

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