



The Biochemical Society's Christmas Bioenergetics Meeting 2007

**Queen Mary, University of London
19 December 2007**

<http://www.biochemistry.org/meetings/>
<http://www.photosynthesis.sbcs.qmul.ac.uk/>



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Organiser: Professor Peter Nixon (Imperial College London)
Co-organiser: Dr Mike Jones (University of Bristol)
Local Organiser: Dr Jon Nield (Queen Mary, University of London)

For the past several years, The Biochemical Society's Theme Panel III has organised and generously supported a one day meeting designed to give postgraduate students and postdocs the opportunity to present their current research to an informed audience, and to keep junior staff abreast of related UK research in Bioenergetics. This year's meeting is kindly hosted by Queen Mary, University of London. The programme consists of a review lecture, followed by a lunch break, and then short talks by invited postgraduate students and postdocs.

Wednesday 19th December: held in the Fogg Lecture Theatre, G.23

11:30 – 12:00 Registration and Coffee

Invited lecture : (Chair : Peter Heathcote, QMUL)

12:00 – 13:00 Peter Rich (UCL) "Advances in applications of IR spectroscopy to electron transfer proteins"

13:00 – 14:15 Lunch

Session 1 : (Chair : Mike Jones, Bristol)

14:15 – 14:30 Christian Teutloff (UEA) "Using EPR to study protein/cofactor interactions"

14:30 – 14:45 Chris Thompson (MRC, Cambridge) "Substrate-induced conformational changes in respiratory complex I from E. coli"

14:45 – 15:00 Yueng Tchern Lenn (QMUL) "Clustering and dynamics of the cytochrome bd terminal oxidase in the Escherichia coli plasma membrane in vivo"

15:00 – 15:15 Kate Elliott (Sussex) "The alternative oxidase - a biological rebel!"

15:15 – 15:30 Michelangelo Campanella (UCL) "Role of IF1 in ATP synthase function"

15:30 – 15:50 Tea/Coffee

Session 2 : (Chair : Peter Nixon, Imperial)

15:50 – 16:05 Robert Nimmo (Cambridge) "Structure and function of cytochrome c6A"

16:05 – 16:20 Adam Moolna (Manchester) "Catalysing the final electron transfer step in photosynthesis: why are there numerous distinct FNR enzymes?"

16:20 – 16:35 John Olsen (Sheffield) "Decorate the SAMs (patterning light harvesting complexes on self-assembled monolayers)"

16:35 – 16:50 Matt Johnson (QMUL) "Dissection of the photoprotective switch in the photosystem II antenna in the absence of protein aggregation"

List of participants as of 19/12/2007

University of Birmingham

Lucinda Huxley

University of Bristol

Mike Jones

Lucy Crouch

University College, London

Peter Rich

Doug Marshall

Christa Jacopitsch

Christopher Kay

Michelangelo Campanella

Cambridge

Derek Bendall (University of Cambridge)

Beatrix Schlarb-Ridley (University of Cambridge)

Robert Nimmo (University of Cambridge)

Chris Howe (University of Cambridge)

John Bason (MRC)

David Rees (MRC)

Chui-ying Yip (MRC)

Rozbeh Baradaran (MRC)

Lizzie Fellowes-Freeman (MRC)

John Berrisford (MRC)

Chris Thompson (MRC)

UEA

Myles Cheesman

Justin Bradley

Christian Teutloff

Sue Bennett

Imperial College London

Peter Nixon

Alison Telfer

Niaz Ahmad

Steven Burgess

Franck Michoux

Kings College London

Richard Cammack

University of Manchester

Giles Johnson

Beena Nadha

Adam Moolna

University of Oxford

Stuart Ferguson

James Allen

Queen Mary, University of London

Jon Nield

John Allen

Peter Heathcote

Conrad Mullineaux

Tomasz Goral

Matt Johnson

Norbert Krauß

Robin Maytum

Alexander Ruban

Carol Allen

Yueng Tchern Lenn

CNRS Saclay, Paris

Andrew Pascal

University of Sheffield

Neil Hunter

John Olsen

Paul Davison

Pu Qian

Jaimey Tucker

Irene Ng

Dan Canniffe

Pete Adams

University of St Andrews

John Ingledew

University of Sussex

Tony Moore

Kate Elliott

NOTES :

Front cover image: NASA, adapted from :
http://www.nasa.gov/multimedia/imagegallery/image_feature_38.html

Booklet E&OE : Dr Jon Nield, Queen Mary, December 2007
<http://www.photosynthesis.sbcs.qmul.ac.uk/conferences.html>