

**Embargoed until 10.00 (GMT) Tuesday 7 May 2013****44 leading medical experts recognised for excellence in research**

44 researchers from across the UK have been recognised for their contribution to the advancement of medical science by election to the Fellowship of the Academy of Medical Sciences.

Academy Fellows are elected for excellence in medical research, for innovative application of scientific knowledge or for their conspicuous service to healthcare. The expertise of the new Fellows spans pharmacology, cell biology, biomedical engineering, childhood cancers, suicide prevention and international health.

Professor Sir John Tooke PMedSci, President of the Academy of Medical Sciences said, *'The Academy of Medical Sciences exists to promote the best of medical science for the benefit of society. Our new Fellows are recognised for their exceptional contribution and collectively represent the array of talent present in the UK medical science community. They will further strengthen the Academy and I look forward to working with them over the coming years.'*

One new Fellow, Professor Jon Nicholl, is Professor of Health Services Research and Dean of the School of Health and Related Research (SchARR) at the University of Sheffield. He has been recognised for his research into emergency and urgent first contact care, specialising in A and E services.

Also elected in 2013, Professor Andrew Prentice directs the MRC International Nutrition Group based at the London School of Hygiene & Tropical Medicine (LSHTM). His research focuses on the connections between early-life nutrition and health problems in developing countries, with a major portion of the work centred around the group's clinical laboratories at MRC Keneba in rural Gambia. He is a member of The Bill & Melinda Gates Foundation's Global Health Discovery Expert Group.

Another of the new Fellows, Professor Rebecca Fitzgerald, a gastroenterologist at the MRC Cancer Cell Unit, Hutchison/MRC Research Centre in Cambridge, originally made contact with the Academy by joining its career mentoring scheme. She has now become the first Academy mentee to be elected to the Fellowship.

Professor Fitzgerald said: *"The Academy mentoring scheme enabled me to link up with a senior clinician scientist at an early stage in my independent research career. I have valued their encouragement and advice immensely as I have tried to build an innovative translational research career alongside clinical and family commitments. I am thrilled to have been elected a Fellow."*

This year, twelve (27%) of the new Fellows are women, almost double the percentage of female Professors in the biosciences.\*

Earlier in 2013, the Academy released the report *"Representation of women within the Academy's Fellowship"*, which scrutinised the nomination and election process for gender balance and equality.

Sir John said, *"It is particularly pleasing to see that once again women are strongly represented in the newly elected Fellows."*

The new Fellows will be formally admitted to the Academy at a ceremony on Wednesday 26 June 2013.

\* The UKRC, Women and men in science, engineering and technology: the UK statistics guide 2010

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#### **Notes for Editors**

This year Fellows were chosen from 351 candidates. The seven Sectional Committees met in March to consider potential Fellows for 2013 entry to the Academy. Three nominators from within the Fellowship must back each candidate. The Academy Registrar, Professor Moira Whyte, Professor of Respiratory Medicine, University of Sheffield, oversees the election.

The election brings the number of Fellows to 1095.

The independent Academy of Medical Sciences promotes advances in medical science and campaigns to ensure these are translated into benefits for patients. The Academy's Fellows are the United Kingdom's leading medical scientists from hospitals, academia, industry and the public service.

Further details may be obtained from The Academy of Medical Sciences, 41 Portland Place, London W1B 1QH. Tel: 020 3176 2183 <http://www.acmedsci.ac.uk>

### **Full list of Fellows elected in 2013**

**Dr Facundo Batista**, Lead Researcher, Lymphocyte Interaction Laboratory, London Research Institute, Cancer Research UK

**Professor David Beech**, Professor of Cardiovascular Science, University of Leeds

**Professor Gurdial Besra**, Bardrick Professor of Microbial Physiology and Chemistry, University of Birmingham

**Professor Barbara Casadei**, British Heart Foundation Professor of Cardiovascular Medicine and Hon. Consultant Cardiologist, University of Oxford

**Professor Jane Clarke**, Wellcome Trust Senior Research Fellow in Basic Biomedical Science and Professor of Molecular Biophysics, University of Cambridge

**Professor Garth Cooper**, Professor in Discovery and Experimental Medicine and Director, Centre for Advanced Discovery and Experimental Therapeutics, University of Manchester

**Professor Giulio Cossu**, Professor of Human Stem Cell Biology, University College London

**Professor Mitchell Dowsett**, Head of Academic Department of Biochemistry, and Professor of Biochemical Endocrinology, Royal Marsden Hospital and Breakthrough Breast Cancer Centre, Institute of Cancer Research

**Professor Michael English**, Wellcome Trust Senior Research Fellow in Clinical Science, Kenya Medical Research Institute – Wellcome Trust Research Programme, and Professor of International Child Health, Nuffield Department of Medicine, University of Oxford

**Professor I. Sadaf Farooqi**, Wellcome Trust Senior Research Fellow in Clinical Science and Professor of Metabolism and Medicine, University of Cambridge

**Professor Rebecca Fitzgerald**, MRC Programme Leader and Consultant Gastroenterologist, Hutchison/MRC Research Centre

**Professor Russell Foster**, Professor of Circadian Neuroscience, University of Oxford

**Professor Kevin Fox**, Professor of Neuroscience, Cardiff University

**Dr Alexander Gould**, Head of Division of Physiology and Metabolism, MRC National Institute for Medical Research

**Professor Christine Harrison**, Professor of Childhood Cancer Cytogenetics, Newcastle University

**Professor Keith Hawton**, Professor of Psychiatry, Consultant Psychiatrist, Oxford Health NHS Foundation Trust Director, Centre for Suicide Research, University of Oxford

**Professor Jeremy Henley**, Professor of Molecular Neuroscience, School of Biochemistry, University of Bristol

**Professor Irene Higginson**, Professor of Palliative Care and Policy, King's College London

**Professor Tessa Holyoake**, Professor of Experimental Haematology, Director of the Paul O'Gorman Leukaemia Research Centre, University of Glasgow

**Professor David Hume**, Director of The Roslin Institute and Professor of Mammalian Functional Genomics, University of Edinburgh

**Dr David Jayne**, Consultant in Nephrology and Vasculitis, Cambridge University Hospitals

**Professor Paul Klenerman**, Wellcome Trust Senior Research Fellow in Clinical Science, University of Oxford

**Professor Xin Lu**, Director of Ludwig Institute for Cancer Research, Oxford Branch, and Professor of Cancer Biology, University of Oxford

**Professor J. Alejandro Madrigal**, Professor of Haematology UCL and Scientific Director of Anthony Nolan, Royal Free Hospital

**Professor Peter McNaughton**, Sheild Professor and Head of Dept of Pharmacology, University of Cambridge

**Professor Frank Nestle**, Mary Dunhill Chair of Cutaneous Medicine and Immunotherapy, King's College London

**Professor Tony Ng**, Richard Dimpleby Professor of Cancer Research

**Professor Jon Nicholl**, Dean of the School, School of Health and Related Research (SchARR), University of Sheffield

**Professor Nancy Papalopulu**, Professor of Developmental Neuroscience, Tissue Systems Section Head and Wellcome Trust Senior Research Fellow, University of Manchester

**Professor Ketan Patel**, Group leader and member of scientific staff at MRC LMB, Cambridge

**Professor Sharon Peacock**, Professor of Clinical Microbiology, University of Cambridge

**Professor Neil Pearce**, Director, Centre for Global NCDs, Professor of Epidemiology and Biostatistics, London School of Hygiene & Tropical Medicine

**Professor Munir Pirmohamed**, NHS Chair of Pharmacogenetics and Director of the Wolfson Centre for Personalised Medicine, University of Liverpool

**Professor Andrew Prentice**, Director, MRC International Nutrition Group, London School of Hygiene & Tropical Medicine

**Professor Guy Richardson**, Professor of Neuroscience, University of Sussex

**Professor David Ron**, Professor of Cellular Pathophysiology and Clinical Biochemistry, University of Cambridge

**Professor Anthony Scott**, Wellcome Trust Senior Research Fellow in Clinical Science and Professor of Vaccine Epidemiology, London School of Hygiene & Tropical Medicine

**Professor Lionel Tarassenko**, Professor of Electrical Engineering, University of Oxford

**Professor Christofer Toumazou**, Regius Professor of Engineering and Chief Scientist of the Institute of Biomedical Engineering, Imperial College London

**Professor Timothy Vyse**, George Koukis Professor of Molecular Medicine, King's College London

**Professor Thomas Walley**, Director NIHR HTA and EME Programmes; Professor of Clinical Pharmacology, University of Liverpool

**Professor Jadwiga Wedzicha**, Professor of Respiratory Medicine, University College London

**Professor Steven Williams**, Professor of Imaging Sciences and Head of Department of Neuroimaging, King's College London

**Professor Magdalena Zernicka-Goetz**, Professor of Mammalian Development and Stem Cell Biology and Wellcome Trust Senior Research Fellow, University of Cambridge