



Advanced medicine

Monday 8 – Thursday 11 February 2016

Royal College of Physicians, 11 St Andrews Place, Regent's Park, London NW1 4LE

Programme director: Professor Margaret Johnson, academic vice president, Royal College of Physicians

Monday 8 February

09.30 Registration and coffee

09.55 **Welcome and introduction**

Professor Jane Dacre, president, Royal College of Physicians

Session 1: Cardiology – what's new and what's changed

Chair: Dr Roby Rakhit, Royal Free London NHS Foundation Trust

10.00 **Inherited cardiomyopathies**

Professor Pier Lambiase, Barts Heart Centre

10.30 **Acute coronary syndromes**

Dr Roby Rakhit, Royal Free London NHS Foundation Trust

11.00 **Heart failure**

Professor Andrew Clark, Castle Hill Hospital, University of Hull

11.30 Coffee

Session 1 (continued): Cardiology – what's new and what's changed

Chair: Dr Roby Rakhit, Royal Free London NHS Foundation Trust

12.00 **Valvular heart disease**

Dr Mamta Buch, University Hospital of South Manchester

Session 2: Dermatology

12.30 **Toxic epidermal necrolysis**

Professor Chris Bunker, University College London Hospitals NHS Foundation Trust

13.00 Lunch



Linacre lecture

Chair and vote of thanks: Professor Jane Dacre, president, Royal College of Physicians

- 13.55 **Beyond pills and tests: addressing the social determinants of tuberculosis**
Dr Tom Wingfield, The Monsall Infectious Diseases Unit, Manchester

Session 3: Infection

Chair: Professor Robert Read, University of Southampton

- 14.45 **HIV – is eradication a possibility?**
Professor John Frater, Oxford University
- 15.15 **Vaccination - who, what, when**
Professor Robert Read, University of Southampton
- 15.45 Tea

The Lady Estelle Wolfson lecture

Chair and vote of thanks: Professor Jane Dacre, president, Royal College of Physicians

- 16.05 **Matchmaking in Medicine – using genomic data for discovery and diagnosis**
Dr Helen Firth, Cambridge University Hospitals NHS Trust
- 17.05 Close of day and drinks reception

Tuesday 9 February

Session 4: Respiratory disease

Chair: Professor Paul Corris, Newcastle University

- 09.15 **Cystic fibrosis**
Professor Eric Alton, Imperial College London
- 09.45 **Cough**
Professor Ashley Woodcock, University of Manchester
- 10.15 **Lung transplantation**
Professor Paul Corris, Newcastle University
- 10.45 **Interstitial lung disease**
Dr Joanna Porter, University College London



11.15 Coffee

Session 4 (continued): Respiratory disease

Chair: Professor Paul Corris, Newcastle University

11.35 **Pulmonary hypertension**
Dr David Kiely, University of Sheffield

Goulstonian Lecture

Chair and vote of thanks: Professor Jane Dacre, president, Royal College of Physicians

12.05 **Motor Neurone Disease - biomarker development for an expanding cerebral syndrome**
Professor Martin Turner, John Radcliffe Hospital

13.00 Lunch

Session 5: Neurology

Chair: Dr Jeremy Chataway, National Hospital for Neurology and Neurosurgery

14.00 **Multiple sclerosis – is it a treatable disease?**
Dr Jeremy Chataway, National Hospital for Neurology and Neurosurgery

14.30 **Stroke**
Dr David Cohen, Northwick Park

15.00 **Autoimmune encephalopathies – latest advances**
Professor Belinda Lennox, University of Oxford

15.30 Tea

Session 6: Ethics

Chair: Professor Margaret Johnson, academic vice president, Royal College of Physicians

15.50 **The law, the doctor and the patient – which is the elephant in that room?**
Bertie Leigh, Hempsons

Session 7: Pregnancy

16.20 **Medical problems in pregnancy**
Professor Catherine Nelson-Piercy, Guys and St Thomas' NHS Foundation Trust

16.50 Close of day



Wednesday 10 February

Session 8: Gastroenterology and liver disease

Chair: Dr Ian Forgacs, British Society of Gastroenterology

- 09.15 **Drug-induced liver disease**
Dr Sumita Verma, Brighton and Sussex Medical School
- 09.45 **Care bundles - improving the care of patients with decompensated cirrhosis on the acute take**
Dr James O'Beirne, Royal Free London NHS Foundation Trust
- 10.15 **Gut microbiota in health and disease**
Dr Ailsa Hart, St Mark's Hospital
- 10.45 Coffee

Session 9: Endocrinology

Chair: Professor John Wass, University of Oxford

- 11.05 **Management of hyponatraemia**
Professor Stephen Ball, Newcastle upon Tyne Hospitals NHS Foundation Trust
- 11.35 **Hormone replacement therapy in 2016**
Professor John Wass, University of Oxford

Croonian Lecture

Chair and vote of thanks: Professor Jane Dacre, president, Royal College of Physicians

- 12.05 **A translational neuroscience approach to the problem of Motor Neuron Disease**
Professor Dame Pamela Shaw, University of Sheffield
- 13.00 Lunch

Session 10: Diabetes and renal medicine

Chair: Professor John Wass, University of Oxford

- 14.00 **Acute kidney injury**
Dr Andrew Lewington, Leeds NHS Foundation Trust
- 14.30 **Chronic kidney disease**
Professor Maarten Taal, University of Nottingham



15.00 **Advances in medical therapies for diabetes mellitus**
Professor Philip Home, Newcastle University

15.30 Tea

Session 11: Critical care

Chair: Professor Tim Evans, Royal Brompton and Harefield NHS Foundation Trust

15.50 **ICU management of patients with severe acute respiratory failure**
Professor Mark Griffiths, Imperial College London and Royal Brompton and Harefield NHS Trust

16.20 **Diagnosis and management of sepsis**
Dr Simon Baudouin, Newcastle University

16.50 Close of day

Thursday 11 February

Session 12: Older people's care

Chair: Dr Simon Conroy, University of Leicester

09.30 **Osteoporosis: recent advances in risk assessment and management**
Professor Juliet Compston, Cambridge Biomedical Campus

10.00 **Alzheimer's – prospects for treatment**
Professor Nick Fox, University College London

10.30 **Delirium**
Dr Elizabeth Teale, Bradford Institute for Health Research

11.00 Coffee

Session 12 (continued): Older people's care

Chair: Dr Simon Conroy, University of Leicester

11.30 **Falls**
Dr Jonathan Tremblay, University Hospitals Birmingham, NHS Foundation Trust



Session 13: Pharmacology and therapeutics

Chair: Professor Sir Munir Pirmohamed, University of Liverpool

- 12.00 **A place for new anticoagulants in medicine**
Professor Beverley Hunt, King's College London and Guy's & St Thomas' NHS Foundation Trust
- 12.30 **Important drug interactions**
Professor Sir Munir Pirmohamed, University of Liverpool
- 13.00 Lunch

Session 14: Haematology and oncology

Chair: Professor Charles Craddock, University of Birmingham

- 14.00 **Leukaemia - new approaches**
Professor Paresh Vyas, University of Oxford
- 14.30 **Stem cell transplant**
Professor Charles Craddock, University of Birmingham
- 15.00 **Lymphoma- turning biology into cures**
Professor Peter Johnson, University of Southampton
- 15.30 **Immunotherapy for cancer - a new horizon**
Dr Katia Boleti, Royal Free London NHS Foundation Trust
- 16.00 Close of conference