

# ***PROGRAMME***

**9.00 – 9.45**     **REGISTRATION**

*Coffee*

**9.45**            **WELCOME ADDRESSES**

**Professor Steve O’Rahilly,**     **Medical Research Society**  
**Professor Patrick Maxwell**   **Academy of Medical Sciences**  
**Professor Ian Gilmore**        **Royal College of Physicians, London**

**9.50 – 10.45**   **CAREERS LECTURE**

*Chair: Professor Steve O’Rahilly*

**Professor John Bell FRS HonFREng PMedSci**

*Title to be confirmed*

**10.45 – 12.30**   **POSTER VIEWING (including Coffee)**

***Dorchester Library, Linacre/Sloane Rooms / Willan Room / Heberden Room***

Groups of specialty judges lead moderated discussion groups

**Dorchester Library (first floor)**

1-20     Cardiovascular  
21-34     Endocrinology  
35-42     Gastroenterology / Hepatology  
43-59     Neurology / Psychiatry  
60-66     Rheumatology / Orthopaedics  
67        Ophthalmology

**Linacre / Sloane Rooms (ground floor)**

68-73     Obstetrics / Gynaecology  
74-85     Oncology / Haematology  
86-92     Dermatology  
93-107    Respiratory

**Willan Room (second floor)**

108-116   Microbiology / Infectious Diseases

**Heberden Room (second floor)**

117-127   Immunology / Renal

**12.30 – 13.45**   ***Lunch in the Osler Room***

**13.45 – 14.45**   **ORAL PLENARY SESSION**

*Chair: Professor Steve O’Rahilly*

**13.45 – 14.00**   **O1**     ***Identification of an ubiquitin E3 ligase required for MHC class I regulation***  
**Marian L Burr**, Florencia Cano, Stanislava Svobodova, Paul J Lehner  
Cambridge Institute for Medical Research, Addenbrooke’s Hospital, Hills  
Road, Cambridge, CB2 0XY

- 14.00 – 14.15 O2 **Importance of peptide YY following gastrointestinal bypass surgery**  
**K Chandarana**<sup>1</sup>, C Gelegen<sup>1</sup>, ME Drew<sup>1</sup>, E Robins<sup>1</sup>, A Choudhury<sup>1</sup>, V Faveau<sup>2</sup>, F Andreelli<sup>2</sup>, DJ Withers<sup>1</sup> and RL Batterham<sup>1</sup>  
<sup>1</sup>Centre for Diabetes and Endocrinology, Department of Medicine, University College London, Rayne Building, 5 University Street, London WC1E 6JJ England, United Kingdom. <sup>2</sup>Institut Cochin, Université Paris Descartes, CNRS (UMR 8104), Paris, France
- 14.15 – 14.30 O3 **Previous colonisation protects against pneumococcal pneumonia: learning from natural immunity**  
**Jonathan M Cohen**<sup>1,2</sup>, Suneeta Khandavilli<sup>2</sup>, Emilie Camberlein<sup>2</sup>, Cat Hyams<sup>2</sup>, Helen Baxendale<sup>1</sup> and Jeremy Brown<sup>2</sup>  
<sup>1</sup>Infectious Diseases & Microbiology Unit, UCL Institute of Child Health, <sup>2</sup>Centre for Respiratory Research, Department of Medicine, UCL, London
- 14.30 – 14.45 O4 **Vasculopathy in a TGF- $\beta$  Dependent Mouse Model of Systemic Sclerosis**  
**Emma Derrett-Smith**, Audrey Dooley, Korska Khan, Xu Shiwen, David Abraham, Christopher P. Denton.  
Centre for Rheumatology and Connective Tissue Diseases, Royal Free Campus UCL Medical School, London

14.45 **M.R.S. YOUNG INVESTIGATORS AWARD FINAL**

*Introduction by Professor David Adams on behalf of the M.R.S.*

**Judges:** *Professor Edwin Chilvers*  
*Professor Tony Heagerty*  
*Professor Mark Pepys*

- 14.50 – 15.10 Y1 **Selective inhibition of CYP17 with abiraterone acetate confirms castration-resistant prostate cancer remains hormone driven**  
**Gerhardt Attard**<sup>1,2</sup>, Alison HM Reid<sup>1,2</sup>, Roger A'Hern<sup>2</sup>, Christopher Parker<sup>1,2</sup>, Joost F Swennenhuis<sup>3</sup>, Leon WMM Terstappen<sup>3</sup>, Nikhil Babu Oommen<sup>1</sup>, Elizabeth Folkerd<sup>2</sup>, Mitch Dowsett<sup>1,2</sup>, David Dearnaley<sup>1,2</sup> and Johann S de Bono<sup>1,2</sup>  
<sup>1</sup>The Royal Marsden NHS Foundation Trust, Downs Road, Sutton, Surrey, SM2 5PT, UK; <sup>2</sup>The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey SM2 5NG, UK; <sup>3</sup>University of Twente, Drienerlolaan 5, 7500 AE, Enschede, The Netherlands

15.10 – 15.40 *Tea/Coffee – Dorchester Library*

- 15.40 – 16.00 Y2 **Complement Factor H Related protein 5 (CFHR5) Nephropathy: an endemic cause of renal disease in Cyprus**  
**DP Gale**<sup>1,6</sup>, E Goicoechea de Jorge<sup>2</sup>, HT Cook<sup>3</sup>, R Martinez-Barricarte<sup>4</sup>, A Hadjisavvas<sup>5</sup>, AG McLean<sup>6</sup>, CD Pusey<sup>6</sup>, A Pierides<sup>7</sup>, Y Athanasiou<sup>7</sup>, K Voksarides<sup>8</sup>, C Deltas<sup>8</sup>, A Palmer<sup>6</sup>, V Frémeaux-Bacchi<sup>9</sup>, S Rodriguez de Cordoba<sup>4</sup>, MC Pickering<sup>2</sup> and PH Maxwell<sup>1</sup>  
<sup>1</sup>University College, London, <sup>2</sup>Rheumatology Section, <sup>3</sup>Dept of Histopathology, and <sup>6</sup>Kidney and Transplant Institute, Imperial College, London; <sup>4</sup>Centro de Investigaciones Biológicas (CSIC), Madrid; <sup>5</sup>Cyprus Institute of Neurology and Genetics, Nicosia; <sup>7</sup>Dept of Nephrology, Nicosia General Hospital; <sup>8</sup>Dept of Biological Science, University of Cyprus, <sup>9</sup>Service d'Immunologie Biologique, Hôpital Européen, Paris.

16.00 – 16.20 Y3 *On the TRAIL of a Killer: TRAIL-expressing Mesenchymal Stem Cells are able to target and eliminate lung metastases.*  
MR Loebinger<sup>1</sup>, PG Kyrtatos<sup>2</sup>, MF Lythgoe<sup>2</sup> and S M Janes<sup>1</sup>  
<sup>1</sup>Centre for Respiratory Research, <sup>2</sup>Centre for Advanced Biomedical Imaging,  
University College London, London, United Kingdom.

16.20 – 16.40 Y4 *Morbid obesity exposes the association between PNPLA3 I148M (rs738409) and indices of hepatic inflammation.*  
S Romeo, DB Savage and S O’Rahilly  
Institute of Metabolic Science, University of Cambridge Metabolic Research  
Laboratories, Level 4, Institute of Metabolic Science, Box 289, Addenbrooke’s  
Hospital, Cambridge, CB2 0QQ

17.00 – 18.00 **THE GORDON CUMMING MEMORIAL LECTURE**  
*Chair: Professor Steve O’Rahilly*  
**Professor MB Pepys FRS FMedSci**  
*“Designer Drugs for Deadly Diseases”*

18.00 **Drinks Reception and Presentation of Awards in the Dorchester Library**

**THE MRS YOUNG INVESTIGATORS AWARD**  
**THE SUE McCARTHY PRIZE**  
**THE RAFTERY PRIZE**  
**INDIVIDUAL SPECIALITY AWARDS**  
**THE PUSHPA CHOPRA BURSARIES**

**THERE WILL BE A MEDICAL RESEARCH SOCIETY ANNUAL GENERAL MEETING AT  
9.00 A.M. IN THE WOLFSON THEATRE TO WHICH ALL M.R.S. MEMBERS ARE  
CORDIALLY INVITED.**