

Winter Science Meeting

09:00 Registration and poster set up
Refreshments will be served on the first floor

09:30 Welcome and introduction to the Academy
Council Chamber, First floor
Professor Wiebke Arlt FMedSci, Professor of Endocrinology, University of Birmingham, Chair of the Starter Grant Panel

09:40 **Session 1: Oral plenary**
Chair: Professor Michael Frenneaux FMedSci
Dr Lynne Sykes, Imperial College London
Recognition of gut microbiota by the maternal immune response in pregnancy
Dr Cesar Mendoza-Martinez, University of Edinburgh
Mechanisms of protein disorder - order transitions upon ligand binding: MDM2 as a case study
Dr David Llobet-Navas, Newcastle University
Role of the miR-424/503 in breast cancer
Dr Christina Vogel, University of Southampton
How does changing the placement of food products in supermarket influence customers' diets?

11:00 Refreshments
Council Reception Room, First floor

11:30 **Session 2: Speed Networking**

12:15 Lunch
Ground floor (Fellows Room and Exhibition Area)
Meet representatives from research funders and publishers to informally chat about career development opportunities.
Funders: Wellcome, MRC, BHF, CRUK, Arthritis Research UK, Diabetes UK and the Newton Fund.
Publishers: F1000, Nature Reviews Urology and Nature Biomedical Engineering.
There will be also be representation from the Academy's Communications and Programmes teams, who will be available to provide career support advice and discuss the #MedSciLife campaign.

13:15 **Session 3: Posters**
13:15-13:30 Poster viewing
Chance to view all the posters from each group.
13:30-14:15 Poster presentations
Poster presenters will give two minute presentations to their room for judges to mark their posters. You will be allocated a group on the day, sessions will run in parallel.

Group A: Wolfson (Ground floor)	Group B: Ann Rylands (First floor)	Group C: Laurie Landeau (Ground floor)
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14:15 **Session 4: Introduction to public engagement**
Council Chamber, First floor
Chair: Professor Tilli Tansey OBE FMedSci

Continued....



We will be taking photographs at the meeting. If you do not wish to have your photograph taken please make yourself known to an Academy staff member at the start of the meeting.



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14:15 (continued....) **Session 4: Introduction to public engagement**

Engaging with schools

Sarah Barnes, Public Engagement Manager, QMUL Centre of the Cell

Working with your press office

Jonathan Wood, Acting Director of Communications, Francis Crick Institute

Getting started on social media

Holly Rogers, Communications and Engagement Manager, Academy of Medical Sciences

15:15 **Refreshments**

Council Reception, First floor

Please can all poster presenters take their posters down by 15:30.

15:30 **Session 5: 'Research in 3'**

Council Chamber, First floor

Chair: Professor Frances Platt FMedSci

Dr Eileen Parkes, Queen's University Belfast

DNA Damage Response Deficiency and S-phase activation of the STING innate immune pathway

Dr Kuppuraj Sengottuvel, University of Oxford

Online incidental statistical learning of audiovisual word sequences in adults - a registered report

Dr Ameenat Solebo, UCL Institute of Child Health

Bi-national prospective observational study of outcomes following cataract surgery in children under 2 years old: IoLunder2

Dr Antreas Kalli, University of Leeds

Elucidating the Band 3 anion exchanger function using molecular dynamics simulations

Dr Ziqi Lin, University of Liverpool

Circulating histones associate with severity and play important roles in acute pancreatitis

Dr Dan Jones, Queen Mary's University of London

Elevated nitrite (NO₂⁻) levels exert beneficial reno-protective effects in individuals undergoing percutaneous coronary intervention (PCI)

Dr Anna Barnard, Imperial College London

Reversing Antibiotic Tolerance in Salmonella - A Chemical Biology Approach

Dr Peter Swoboda, University of Leeds

Reducing the burden of detraining in athletes with suspected cardiomyopathy

16:15 **Keynote lecture**

Chair: Professor Wiebke Arlt FMedSci

Dame Jessica Corner DBE FMedSci, Pro-Vice Chancellor of Research and Knowledge Exchange, University of Nottingham

17:00 **Prize-giving and closing remarks**

Sir Robert Lechler PMedSci, President of the Academy of Medical Sciences

17:15 **Drinks reception**
Ground floor



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