

# Winter Science Meeting

09.30 Registration and poster set up  
Williams Lounge

10.00 Welcome and introduction to the Academy  
Henry Wellcome Auditorium

Winter Science Meeting Chair: Professor Rosalind Smyth CBE FMedSci, Director of the UCL Great Ormond Street Institute of Child Health

10.15 **Session 1: Oral plenary**

Henry Wellcome Auditorium  
Chair: Professor Rosalind Smyth CBE FMedSci

Dr Mohammed Zaeem Cader, University of Cambridge  
Investigating the function of FAMIN

Dr Anna Chisholm, University of Liverpool  
Optimising child weight management in primary schools

Dr Saoirse O'Toole, King's College London  
Early detection of sub-visual wear on biological surfaces

Dr Yihua Wang, University of Southampton  
Epithelial-mesenchymal transition (EMT) in pulmonary fibrosis: a core determinant of epithelial-mesenchymal cross talk

11.25 Refreshments  
Williams Lounge

11.40 **Session 2: Speed Networking**  
Williams Lounge

A chance to meet and network with other awardees and Academy Fellows.

12.35 Lunch  
Williams Lounge

A chance to view all the posters from each group.

There will be also be representation from the Academy's Communications, Programmes and Policy teams, who will be available to discuss the work we do at the Academy and our #MedSciLife campaign.

13.35 **Session 3: Posters**  
Williams Lounge

Poster presenters will give 2-minute presentations to their group. Presenters will be allocated a group on the day, groups will run in parallel.

14.20 **Session 4: Career Development session - Visibility and Networking**  
Henry Wellcome Auditorium

Facilitator: Ruth Francis



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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# Winter Science Meeting

15.20 Refreshments  
Williams Lounge

Please can all poster presenters take their posters down by 15:35.

15.35 **Session 5: 'Research in 3'**

**Henry Wellcome Auditorium**  
Chair: Professor Rosalind Smyth CBE FMedSci

Dr Aftab Alam, University of Cambridge  
Microglial dynamics and its modulation in traumatic brain injury

Dr Nisreen Alwan, University of Southampton  
Maternal weight change between pregnancies and offspring outcomes: an opportunity for optimising family health

Dr Julia Colston, University of Oxford  
Cytomegalovirus next generation sequencing and host immunobiology in immunosuppressed adult and paediatric cohorts

Dr Matthew Loxham, University of Southampton  
Particulate matter air pollution – from source to effect

Dr Santu Saha, Newcastle University  
Investigating therapeutic application of PARP inhibitor as chemo-radiosensitiser in cervical cancer and its effect on renal protection

Dr Maria Secrier, University College London  
Mutational processes in oesophageal cancer and their therapeutic implications

Dr Mervyn Thomas, University of Leicester  
Development and validation of a deep learning algorithm for paediatric retinal development disorders

Dr Umesh Vivekananda, University College London  
Epilepsy and cognition

16.10 Break

16.20 **Keynote lecture**

Henry Wellcome Auditorium

Professor Dame Sally Davies DBE FRS FMedSci, Master of Trinity College, Cambridge

17.15 Prize-giving and closing remarks

Henry Wellcome Auditorium

Professor Rosalind Smyth CBE FMedSci

17.30 Drinks reception

Williams Lounge

To finish at 18:30



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