

# 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 Southmapton

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

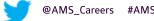
Poster presenters will give 2-minute presentations to their group. Presenters will be allocated a group on the day, groups will run in parallel.

# 14.20 Session 4: Career Development session - Visibility and Networking

# Henry Wellcome Auditorium

Facilitator: Ruth Francis







# 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 Southmapton

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



