



Vascular Inflammation and the ECM

20-21st April 2023

Sponsors: The company of Biologists
Source Bioscience
Stratech

The edge, University of Sheffield



PROGRAMME

Day 1 – Pre-meeting satellite

9:30-12:00 Arrival, Registration and coffee (attach posters to the boards)

We are pleased to run the first sustainable BSMB meeting. Welcome and we hope you will find this satellite session illuminating!

Satellite session:

Sustainability in research

10:35 – 10:40

Welcome – Dr Maria Fragiadaki

10:40-11:15

Dr Steve Allen – Leadership and sustainability and implications for creating change in universities. (In person)

11:15-11:35

Dr Aina Roca-Barcelo, Imperial College London (Making academia environmentally sustainable) (online)

11:35- 12:00

Dr Luca Cacciolatti, Westminster University of London – Slow food (in person)

12:00 – 13:00

Lunch and poster viewing



Main meeting

Day 1

Session 1: (13:00-16:00) Shear stress and the extracellular matrix

Chair: Dr Maria Fragiadaki

- 13:00 – 14:00 Invited speaker: **Prof Ellie Tzima** (Uni of Oxford)
- 14:00 - 14:20 Laura Gonzalez-Trueba – Characterisation of vascular cell defects caused by collagen IV mutations in stroke (University of Glasgow) - abstract selected talk
- 14:20 – 14:40 Megan Priestley – The role of heparan sulfate and the endothelial glycocalyx in psoriasis-like skin inflammation (University of Manchester) – abstract selected talk
- 14:40 - 15:10 Invited speaker: **Dr Areej Alahmadi** (Uni of Sheffield)
- 15:10 - 15:30 AGM
- 15:00 - 15:30 Trade stands, refreshments, posters & networking**

Session 2: (16:00-18:00) Vascular stability & dynamics

Chair: Prof Paul Evans

- 15:30 - 16:30 Invited speaker: **Prof Anna Randi** (Imperial College London)
- 16:30 – 16:50 Cameron Thompson – Vascular defects due to collagen IV mutations in COL4A1 syndrome and sporadic intracerebral haemorrhage reveals allele specific matrix remodelling (University of Glasgow) – abstract selected talk
- 16:50 - 17:20 Invited speaker: **Dr James Whiteford** (QMUL)
- 17:20-18:00 networking and refreshments**

Session 3: Fell Muir Lecture

18:00-18:05 Prof Andrew Pitsillides

18:05-18:45 **Prof Jo Adams – Fell Muir Lecturer**

19:30 onwards Conference dinner



Day 2

7:45 - 8:15 *Optional Fun Run (meet outside Halifax Hall)*

8:30-9:30

Registration Day 2, sponsor stands & refreshments

Session 4: Pharmacology, RNA & the ECM

Chair: Prof George Bou-Gharios

9:30-10:10

Invited speaker: **Dr Laura Denby** (Uni of Edinburgh)

10:10-10:30

Amy Lock – The cellular and molecular mechanisms underlying pain and pruritus in keloid scars (King's College London) – abstract selected talk

10:30-10:50

Rebecca Preston – The circadian regulation of the glomerular matrix (University of Manchester) – abstract selected talk

10:50 - 11:30

Refreshments & posters

Session 5: The kidney & the ECM

Chair: Dr Richard Naylor

11:30 -12:30

Invited Speaker: **Prof Rachel Lennon** (Uni of Manchester)

12:30-12:50

Raina Ramnath – MMP9-mediated renal microvascular endothelial glycocalyx shedding as a potential therapeutic target in sepsis-associated acute kidney injury (University of Bristol) – abstract selected talk

12:50-13:20

Invited speaker: **Dr Fiona Macleod** (Uni of Sheffield)

13:20-14:30

Lunch (posters, networking and trade stands)

Session 5: Developmental pathways & the ECM

Chair: Dr Emily Noël

14:30 – 15:30

Invited Speaker: **Prof Paul C Evans** (Uni of Sheffield)

15:30 - 15:50

Mark Naven – Live imaging the wound inflammatory response and the consequences of disrupted circadian clocks (University of Bristol) – abstract selected talk

15:30 – 16:00

Invited speaker: **Dr John Robert Davis** (Uni of Manchester)

16:00 - 16:30

Prizes, sustainability discussion and close of the meeting

16:30 – 17:30

BSMB committee meeting