

75th Annual Meeting of the British Microcirculation and Vascular Biology Society

Unlock the potential of your current models by embedding the 3Rs: Reduction, Replacement and Refinement.

Date: Thursday 3rd and Friday 4th July 2025

Location: AP building, University of Surrey, Guildford GU2 7XH

From 9:00	Arrival, Registration, coffee/tea
9:30-9:50	Welcome
9:50	Research talks - Session 1 <i>Large vessel diseases</i> <i>Chairs:</i>
9:50	Invited speaker: Prof Sanjay Sinha (University of Cambridge) Title: “Disease-in-a-dish”: iPSC modelling of aortic disease
10:20	O1.1
10:30	O1.2
10:40	O1.3
10:50	O1.4 Sponsor talk: Chandni Patel (Stratech Scientific)
11:00	Coffee/tea break and networking
11:40	Research talks - Session 2 <i>Organ-specific challenges in vascular biology</i>
11:40	Invited speaker: Emeritus Prof Michael Taggart (Newcastle University) Title: Proteomic signatures distinguishing human maternal and placental arteries ... From each other and other smooth muscle-rich tissues.
12:20	O2.1
12:30	O2.2
12:40	O2.3
12:50	O2.4 Sponsor talk: Caroline O’Riordan (FUJIFILM VisualSonics)

	<i>From Macro to Micro: Advancing Vascular Research with Ultrasound and Molecular Imaging</i>
13:00	Lunch break and networking
14:00	Research talks - Session 3 <i>The microvasculature in communicable and non-communicable diseases</i>
14:00	Invited speaker: Dr Maria Bernabeu (EMBL Barcelona, Spain) Title: Building (and breaking) barriers: 3D-blood-brain barrier models for cerebral malaria research
14:30	O3.1
14:40	O3.2
14:50	O3.3
15:00	O3.4
15:10	Research talks - Session 4 <i>Tissue Engineering and Regenerative Medicine</i>
15:10	Invited speaker: Dr Guillermo Luxan (Goethe University Frankfurt, Germany) Title: Pericytes, cardiovascular disease and how to mimic features of the ageing ECM in vitro
15:40	O4.1
15:50	O4.2
16:00	O4.3
16:10	O4.4
16:20	Coffee/tea break and networking
16:50	Research talks - Session 5 <i>LVBF session</i>
16:50	Invited speaker: Dr Beata Wojciak Stothard (Imperial College London)

17:20	Title: Capturing Complexity: Organ-on-a-chip Models of Endothelial Dysfunction in Pulmonary Hypertension O5.1 O5.2 O5.3 O5.4 Sponsor talk: Dammy Olayanju (PeptiMatrix)
17:30	
17:40	
17:50	
18:00	AGM or ECR event
18:00-19:00	Drink reception
19:30	Dinner and entertainment 007-themed murder mystery at dinner (Lakeside restaurant)

From 9:00	Breakfast
9:30	Research talks - Session 6 <i>Focus on endothelial mechanisms in disease</i>
9:30	Invited speaker: Prof Christiana Ruhrberg (University College London) Title: Refining the use of mouse models to better understand cardiovascular development and disease
10:00	O6.1
10:10	O6.2
10:20	O6.3
10:30	O6.4
10:40	Coffee/tea break and networking
11:15	Panel discussion: Embed the 3Rs in your proposal to maximise chances Chairs:
11:15-12:30	

5 min intro each then panel/questi ons	The Humane Research Trust (Alison Giles), James Leiper (BHF),, NC3R (Katie Bates), UK Biobank
12:30	Lunch break and networking
14:00	Research talks - Session 7 Frontiers of vascular and microvascular biology
14:00	Invited speaker: Dr Katie Bentley (Crick institute) How do cells make rapid, adaptive decisions during angiogenesis? A multidisciplinary approach
14:30	O7.1
14:40	O7.2
14:50	O7.3
15:00	O7.4
15:10	Break and networking
15:40- 16:00	Presentation of prizes Meeting closes