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Cardiovascular Regenerative Medicine Symposium

Recent advances in cardiovascular research: from disease mechanisms to novel therapeutic approaches

Date: 6th December 2024

Location: Wills Hall, University of Bristol, Parrys Lane, Bristol BS9 1AE (UK), and online

Organising committee: Elisa Avolio, Paola Campagnolo, Valeria V Alvino, Yan Qiu, Sadie Slater, Giovanni Biglino

From 9:00	Arrival, Registration, Coffee/tea
10:00	Welcome and Introduction Dr Giovanni Biglino (Head of Section, Regenerative Medicine, Bristol Medical School)
10:15	Research talks - Session 1 <i>Novel therapeutics in cardiovascular medicine</i> Chairs: Dr Sadie Slater and Dr Eva Jover
10:15	Dr Ayman Al Hai Zen, Hamad Bin Khalifa University (QA) Translating Genome-Wide Association Studies to Novel Therapeutic Targets for Coronary Artery Disease
10:30	Dr Elisa Avolio, Bristol Heart Institute (UK) Reprogramming pericytes with MEK inhibitors to aid myocardial vascularisation after ischemia
10:45	Khaled AK Mohammed, Bristol Heart Institute (UK) MEK inhibitors as a novel therapy to halt the progression of aortic aneurysm
11:00	Professor Annibale Alessandro Puca, IRCCS Multimedica Milan (IT) New Insights in the BPIFB4 protein: an overview of the mechanisms of action and of the therapeutic potentials of its Longevity Associated Variant
11:15	Dr Michele Carrabba, Bristol Heart Institute (UK) A novel Hybrid Tissue Engineering Vascular graft for the correction of small-diameter artery obstruction
11:30	Coffee/tea break and networking
12:00	Research talks - Session 2 <i>Cellular and molecular mechanisms in cardiovascular disease</i> Chairs: Dr Yan Qiu and Dr Marco Meloni
12:00	Dr Paola Campagnolo, University of Surrey (UK) Pericytes are critical gatekeepers of the vascular barrier, contributing to viral haemorrhagic diseases pathogenesis

12:15	Dr Gaia Spinetti, IRCCS Multimedica Milan (IT) The bone marrow: a key organ in cardiovascular diseases
12:30	Dr Antonio Paolo Beltrami, University of Udine (IT) Impact of senescence in heart failure
12:45	Dr Nicolle Kränkel, Charité Universitätsmedizin Berlin (DE) Challenged metabo-inflammatory response for cardiovascular risk prediction
13:00	Lunch and networking
14:30	Early career session: Challenges in Careers in Academia Chairs: Dr Valeria V Alvino and Dr Paola Campagnolo
14:30	Professor Paolo Madeddu, Bristol Heart Institute (UK) Reflections on my long, adventurous journey in cardiovascular research
15:00	Dr Raina Ramnath, University of Bristol (UK) Career development in academia
15:15	Dr Marco Meloni, Sanofi Paris (FR) Transitioning from research in academia to industry
15:30	Research talks - Session 3 <i>Intrinsic cellular and molecular responses to insults</i> Chairs: Dr Giulia Bigotti and Dr Francesca Bartoli-Leonard
15:30	Dr Andrea Caporali, University of Edinburgh (UK) MicroRNAs control revascularisation and vascular diseases
15:45	Dr Tijana Mitic, University of Edinburgh (UK) Epigenetic control of endothelial cell function in arteriogenesis
16:00	Dr Yan Qiu, Bristol Heart Institute (UK) Targeting endothelial glycocalyx for cardioprotection
16:15	Break and networking
16:45	Keynote lecture Chairs: Dr Elisa Avolio and Dr Tijana Mitic
	Professor Sian Harding, Imperial College London (UK) Everyday awe: a journey through joy, success and challenges in science Including presentation of the book “ <i>The Exquisite Machine: The New Science of the Heart</i> ”
17:30	Closing remarks

Acknowledgements

The organising committee is immensely thankful to the **sponsors** who generously donated their time and financial contributions to this event.

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Moreover, a heartfelt thank you goes to **Mandy Humphries**, **Clare Williams**, **Jan Fox**, **Paul Newcomb**, **Clair Dunbavand** and everybody in the Bristol Medical School for their invaluable support before and during the symposium, and to the **sessions' chairs** for contributing to running the meeting smoothly!

Venue – Wills Hall



Directions and parking

Wills Hall, Parry's Lane, Stoke Bishop, Bristol, BS9 1AE

By Train:

Bristol Temple Meads is the main closest train station, and you can use local buses or an e-scooter to transport you to the venue. There is also a connecting train service from Temple Meads to Clifton Down train station on Whiteladies Road which will take you closer to the venue. From there, you can take the 1, 2, 2a, 3, 4 and U1 buses or a 30-minute walk.

By Taxi:

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By Local Bus:

Several bus services stop within a short walk from Wills Hall:

- Services 1, 2 and 2a all run from Temple Meads train station. Alight at Westbury Road.
- Service 3 runs from the city centre. Alight at Downleaze.
- Service U1 operates term-time only. At peak times, the service runs from Clifton Triangle, and at off-peak times, the service runs from the city centre.

Timetables for all these services are available at <http://www.firstgroup.com/bristol-bath-and-west>.



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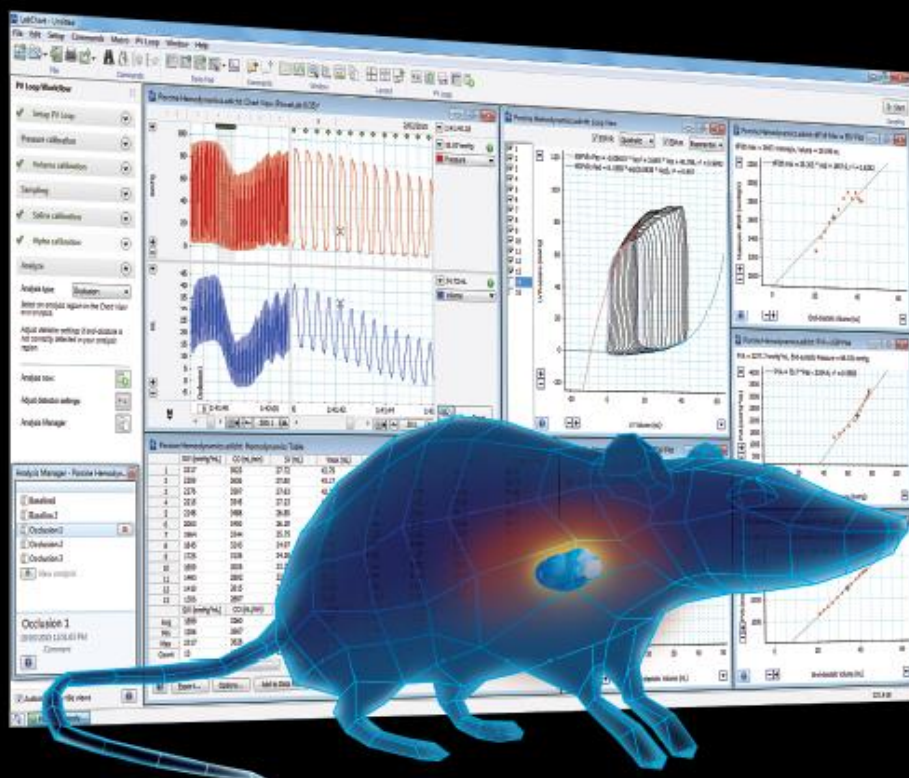


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