



BRITISH
ATHEROSCLEROSIS
SOCIETY



British Cardiovascular Society



THE BRITISH SOCIETY FOR CARDIOVASCULAR RESEARCH



Programme

BSCR/BAS Joint Spring Meeting 2015 New frontiers in Cardiovascular Science

Manchester Central, Manchester 8th – 9th June 2015

Organisers, Yvonne Alexander, Margaux Horn, Sarah George, Ashley Miller

Posters go up at start of each day

Day 1

08.00 to 10.00

BSCR Committee Meeting

10.45 to 12.15

Altering blood vessel growth to reduce cardiovascular disease

Chairs: Sarah George and Ashley Miller

- Vessels grown from pluripotent stem cells are able to function inside mice.
Sharon Gerecht. John Hopkins University, USA.
- Neovessels and atherosclerosis.
Lina Badimon. Barcelona, Spain.
- Inflammation and collateral formation in the heart.
Pieter Doevendans. Utrecht, NL.
- Growing synthetic vein grafts for CABG
Raimondo Ascione. Bristol, UK,

12.15 to 13.45

Lunch, trade stands

13.45 to 15.15

Vascular Calcification

Chairs: Fiona Wilkinson & Martin Bennett

- Mechanisms of vascular ageing and calcification
Cathy Shanahan, King's College London, UK
- Pro-inflammatory aspects of cardiovascular calcification: Insights from molecular imaging disease
Elena Aikawa, Harvard University, USA,

- New insights on biomarkers and management of cardiovascular calcification
Ziad Massy. Amiens University Hospital, Amiens, France
- Extracellular nucleotides and P2 receptors as potential targets for inhibition of vascular calcification.
Isabel Orriss, Royal Veterinary College London, UK,

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Day 1 (continued)

15.15 to 16.00 **Tea, trade stands**

16.00 to 17.00 **BSCR/BAS Poster Session 1**

17.00 to 18.00 **The BCS Named Lecture**

18.00 to 19.00 **The BAS John French Lecture**
Adipose tissue and the cardiovascular system: Is fat always bad?
Charalambos Antoniades, University of Oxford

19.00 to 20.00 **BHF Reception**

20.00 **BSCR/BAS Conference Dinner**
Albert's Chop House

<http://albertsquarechophouse.com/>

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Day 2

08.30 to 10.00 **BSCR/BAS Young Investigators Award**

Chairs: Sarah George, Colin Berry

10.00 to 10.45 **Coffee, trade stands**

10.45 to 12.15 **Systemic inflammation and cardiovascular disease**

Chairs: Yvonne Alexander and Ed Rainger

- MicroRNA-containing microvesicles regulating inflammation in association with atherosclerotic disease.
Paul Holvoet, Belgium,
- Measuring interactions between the haemostatic and inflammatory systems in heart disease (can inc athero, athero-thrombotic and heart failure etc)
Paul Harrison, University of Birmingham, UK
- Periodontal disease and cardiovascular disease.
Torbjor Bengtsson, Sweden.
- Platelets in recruitment of inflammatory cells. Implications in acute coronary syndromes
Meinrad Gawaz, University Hospital Tuebingen, Germany

12.15 to 13.45 **Lunch, Trade stands** **BCS YRWP**

13.45 to 15.15 **Unravelling the structural basis of cardiovascular disease through the application of advanced imaging techniques (Joint with BCS)**

Chairs: Cathy Holt & Ashraf Kitmitto

- Clinical Imaging for vulnerable plaques: VH-IVUS, CT and OCT
Martin Bennett, Cambridge, UK
- Materials Science in Cardiovascular Research: a new perspective.
Sergio Bertazzo, Imperial College London, UK
- 3-D views of myocyte remodelling in heart failure and MI
Ashraf Kitmitto, Manchester, UK

- SICM microscopy/FRET reveals molecular and cellular basis of heart failure
Julia Gorelik, National Heart & Lung Institute, London, UK

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Day 2 (continued)

15.15 to 16.00 **Tea, trade stands**

16.00 to 17.00 **BSCR/BAS Poster Session 2**

17.00 **Closing remarks and prize giving**

17.30 to 18.30 **Strickland Goodall Lecture**