



BSCR Autumn Meeting

Cardiovascular Signalling in Health and Disease

University of Reading, Palmer Building

8-9 September 2014

Organisers: Sam Boateng, Carolyn Carr and Katrina Bicknell

Day 1

10.00 – 12.00 BSCR committee meeting
Senior Common Room meeting room, Park House

12.00 – 13.00 Lunch/registration/put up posters

Session 1

13.00 – 14.45 Signalling to gene and protein expression
Palmer room 109

Chairs: Professor Mark Sussman and Professor Susan Steinberg

13.00 - 13.30 **Intracellular signalling in cardiac hypertrophy and failure: a personal retrospection.**
Professor Peter Sugden, (Reading, UK)

13.30 – 13.55 **Mechanotransduction from the cytoskeleton.**
Professor Ralph Knoell, (Imperial College, UK)

13.55 – 14.20 **Regulation of fibroblast function in the failing heart**
Professor Risto Kerkelä, (Oulu, Finland)

14.20 – 14.45 **Protein kinase signalling to gene expression**
Professor Angela Clerk, (Reading, UK)

14.45 – 15.15 **Coffee break**
Palmer G01-G05

Session 2

15.15 – 17.45 The Bernard and Joan Marshall Awards
Palmer room 109

Chair: Professor Yvonne Alexander

15.15 – 16.15 The Bernard and Joan Marshall Young Investigators

16.15 – 16.45 The Bernard and Joan Marshall Research Excellence Lecture

16.45 – 17.45 **The Bernard and Joan Marshall distinguished investigator lecture**

Cellular signalling to repair the failing heart

Professor Mark Sussman, (San Diego, USA)

Session 3

17.45 – 19.45 **Poster session & wine reception**

Palmer 1st floor mezzanine area

20.00 **Dinner**

The Meadow Suite, Park House

Day 2

Session 4

09.00– 10.00 **University of Reading ICMR Lecture**

Palmer room 109

Chair: Professor Jon Gibbins

Regulation of the myofilaments by ROS activated signalling

Professor Susan Steinberg, (Columbia, USA)

10.00 – 11.00 **Oral Abstract Session**

Palmer room 109

Chairs: Dr Katrina Bicknell and Dr Sam Boateng

11.00 – 11.30 **Coffee Break**

Palmer G01-G05

Session 5

11.30 – 12.35 **Signalling in Disease**

Palmer room 109

Chairs: Professor Angela Clerk and Dr Sean Davidson

11.30 – 11.45 Invited lecture from JSCVS

Development of a novel autologous heart valve (biovalve) with in-body tissue architecture technology. Dr Yoshihide Takewa, (Osaka, Japan)

11.45 – 12.10 **Protein kinase signalling in pathological hypertrophic remodelling**

Professor Xin Wang, (Manchester, UK)

12.10 – 12.35 **STAT3 as a key regulator of cell to cell communication in the heart**

Professor Denise Hilfiker-Kleiner, (Hannover, GE)

12.35 – 13.05 **BSCR AGM**

Palmer room 109

13.05– 14.00 Lunch and exhibitor treasure hunt prize draw
Palmer G01-G05

Session 6.

14.00 – 14.30 BPS Invited Lecture
Palmer room 109

Chair: Professor Barbara McDermott

GPCR signalling in pluripotent stem cell cardiomyocyte models
Professor Sian Harding, (Imperial College, UK)

14.30 - 15.45 Novel aspects of signalling in the cardiovascular system
Sponsored by the University of Reading
Palmer room 109

Chairs: [To be confirmed]

14.30 - 14.55 **New approaches to manipulating calcium signals in heart cells**
Professor Christopher George, (Cardiff, UK)

14.55 – 15.20 **Protein O-GlcNAcylation: How sugar signals**
Professor John Chatham, (Alabama, USA)

15.20 – 15.45 **INTERcellular signalling and the control of platelet function**
Professor Jon Gibbins, (Reading, UK)

15.45 - 16.00 Closing Remarks and Prize Giving