



# Joint BHF Regenerative Medicine Centres Symposium June 2018



THE UNIVERSITY  
of EDINBURGH

Centre for Cardiovascular Science, Edinburgh, UK

**Monday 18 – Tuesday 19 June 2018**

## PROGRAMME and REGISTRATION

The British Heart Foundation (BHF) Centre Heads, Principal Investigators, and other researchers (including Post Docs and PhD students) of the Edinburgh-led, Oxbridge-led and Imperial-led British Heart Foundation Centres of Regenerative Medicine will come together with representatives from the BHF and the Scientific Advisory Board for a symposium on work that has developed from the three Regenerative Medicine Centres (2013 – 2017) and progress made under CVR2 (2017 -2021).

**When:** Monday 18 June (4pm start) – Tuesday 19 June 2018 (4pm finish)

**Where:** Queen’s Medical Research Institute (QMRI), University of Edinburgh, EH16 4TJ

**REGISTRATION DEADLINE WEDNESDAY 30 MAY – PLEASE COMPLETE THIS FORM TO REGISTER:**

<https://goo.gl/forms/R5hVgtHoj37pXuVI3>

### MONDAY 18 JUNE

16:00 – 16:30	Arrival, Registration, Refreshments	<i>Queen’s Medical Research Centre</i>
<b>Key note address</b>		
16:30 – 16:40	<b>Welcome address</b> from <i>Professor Andy Baker</i> (Director of Edinburgh-led British Heart Foundation Centre of Regenerative Medicine)	
16:40 – 17:40	<b>Organ remodelling and repair in the cardiovascular system</b> <i>Thomas Braun</i> , Max Planck Institute for Heart and Lung Research, Bad Nauheim, Germany	
17:45 departure	Group coach transportation from QMRI to restaurant	
18:15 onwards	<b>Group dinner</b> <i>Scottish Café and Restaurant, Scottish National Gallery</i> Open to all attendees – coach transportation arranged.	

### TUESDAY 19 JUNE

08:30 – 09:00	Arrival, Refreshments	<i>Queen’s Medical Research Centre</i>
09:00 – 09:15	<b>Welcome from BHF Centre Heads</b> <i>Professor Andy Baker</i> (Edinburgh); <i>Professor Sian Harding</i> (Imperial); <i>Professor Paul Riley</i> (Oxbridge)	
<b>Presentations of cross-centre joint projects</b>		
09:15 – 09:35	<b>A next-generation multicellular prevascularised ‘cardiac patch’</b> <i>Dr Sanjay Sinha</i> , British Heart Foundation Senior Clinical Research Fellow, WT-MRC Cambridge Stem Cell Institute, Department of Medicine, University of Cambridge	

09:35 – 09:55	<p>Development of vascularised grafts from human pluripotent stem cells</p> <p><i>Dr Gabor Foldes</i>, Research Associate, Faculty of Medicine, National Heart and Lung Institute, Imperial College London</p>
<b>TUESDAY 19 JUNE CONTINUED</b>	
09:55 – 10:15	<p>Single cell RNAseq in Endothelial specific Confetti mice: Insights for vascular regeneration</p> <p><i>Dr Mairi Brittan</i>, Edinburgh</p>
<b>Oral presentations</b>	
10:15 – 10:45	<p>Advanced preclinical models of MI and vascular replacement at Translational Biomedical Research Centre (TBRC) to bridge regenerative medicine and tissue engineering to bed side</p> <p><i>Professor Raimondo Ascione</i>, Professor of Cardiac Surgery and Translational Research; Director of TBRC, University of Bristol</p>
10:45 – 11:15	Morning tea/coffee break
11:15 – 11:45	<p>Paracrine circuits for heart repair by cardiac progenitors and stromal cells</p> <p><i>Dr Michela Nosedà</i>, Research Fellow, Faculty of Medicine, National Heart and Lung Institute, Imperial College London</p>
11:45 – 12:15	<p>Drugs from bugs: Targeting the chemokine network using tick saliva peptides</p> <p><i>Professor Shoumo Bhattacharya</i>, BHF Chair of Cardiovascular Medicine; Fellow of Green Templeton College, University of Oxford; Radcliffe Department of Medicine, Wellcome Trust Centre for Human Genetics</p>
12:15 – 13:30	Lunch and poster competition
13:30 – 14:15	<p><b>BHF Regenerative Medicine Centre Open Discussion Session</b></p> <p>Summary: A Q and A session to discuss pertinent issues across the 3 Centres when considering how to translate our research, including cell therapy/GMP considerations, small molecule translation, tissue engineering etc.</p> <p><i>The session will be facilitated by experts in the field.</i></p>
<b>Oral presentations</b>	
14:15 – 14:45	<p>ROS and cardiac regeneration</p> <p><i>Professor Ajay Shah</i>, BHF Professor of Cardiology &amp; Head of Cardiovascular Division, King's College London; Director, King's BHF Centre of Research Excellence</p>
14:45 – 15:15	<p>Myocardial slice: a tunable and multicellular preparation to study cardiac tissue in vitro</p> <p><i>Dr Filippo Perbellini</i>, Research Associate, Faculty of Medicine, National Heart and Lung Institute, Imperial College London</p>
15:15 – 15:45	<p>Medicinal chemistry for cardiovascular regenerative medicine</p> <p><i>Professor Angela Russell</i>, Associate Professor in Medicinal Chemistry, Departments of Chemistry and Pharmacology, University of Oxford</p>

15:45 – 16:00

**Closing remarks from BHF Centre Heads**

*Professor Andy Baker* (Edinburgh); *Professor Sian Harding* (Imperial); *Professor Paul Riley* (Oxbridge)

***See overleaf for information on event logistics***

## LOGISTICS

### Arrive for

4pm start on Monday 18 June 2018

### Depart after

4pm finish on Tuesday 19 June 2018

### Meeting location

Queen's Medical Research Institute QMRI, 47 Little France Crescent, Edinburgh EH16 4TJ

### Travel time from Edinburgh airport to QMRI

Approx. 30 minutes by taxi (allow more time if travelling at rush hour)

### Travel time from Edinburgh Waverley train station to QMRI

Approx. 20 minutes by taxi (allow more time if travelling at rush hour)

### Hotel options

Please note: we cannot book accommodation on your behalf

#### Nearest hotel

Travel Lodge Edinburgh Cameron Toll (approx. 5 min taxi/30 min walk to QMRI)

#### Central hotels

There are no other hotels (just a few guest houses) near to QMRI – so the best option may be to book somewhere in central Edinburgh (e.g. Motel One Edinburgh-Princes), given the Monday night dinner will be in/near the centre. Please allow for a longer journey (approx. 30-min taxi or 45-min bus ride) back to QMRI on Tuesday morning.