



Joint BHF Regenerative Medicine Centres Event 2016

Murray Edwards College, Cambridge, UK

Thursday 23 June 2016

PROGRAMME

09:00 – 10:00	Arrival, Registration, Refreshments <i>Buck House foyer</i>	
10:00 – 10:10	Welcome <i>Buck House lecture theatre</i> <i>Martin Bennett, Paul Riley</i>	
10:10 – 12:00	TRANSLATION OF STEM CELL AND TISSUE REPAIR Chair: <i>Paul Riley</i>	
10:10 – 10:25	Disease modelling in pluripotent stem cell-derived cardiomyocytes <i>Professor Chris Denning</i> , Nottingham	
10:25 – 10:30	Discussion	
10:30 – 10:45	Targeting non-coding RNA in vascular repair and regeneration <i>Professor Andrew Baker</i> , Edinburgh	
10:45 – 10:50	Discussion	
10:50 – 11:05	Platelet production <i>in vitro</i> from human pluripotent stem cells: a new tool for the treatment of ischaemic heart disease <i>Dr Cedric Ghevaert</i> , Cambridge	
11:05 – 11:10	Discussion	
11:10 – 11:25	Exosomes as cell-to-cell messengers and new therapeutic opportunities <i>Professor Costanza Emanuelli</i> , Bristol	
11:25 – 11:30	Discussion	
11:30 – 11:45	Genetic and pharmacological inhibitors of MAP4K4 suppress human cardiac muscle cell death <i>Professor Michael Schneider</i> , Imperial	
11:45 – 11:50	Discussion	
12:00 – 13:00	Lunch and Posters <i>Buck House foyer + Seminar Room</i>	
13:00 – 14:50	NOVEL REGENERATION PLATFORMS Chair: <i>Sian Harding</i>	
13:00 – 13:15	Advanced imaging for stem cell phenotyping <i>Professor Julia Gorelik</i> , Imperial	
13:15 – 13:20	Discussion	
13:20 – 13:35	Therapeutic potential of vascular stem cells in restenosis <i>Professor Qingbo Xu</i> , King's College	
13:35 – 13:40	Discussion	
13:40 – 13:55	New approaches to screening for modulators of inflammation and fibrosis <i>Professor Shoumo Bhattacharya</i> , Oxford	
13:55 – 14:00	Discussion	

	NOVEL REGENERATION PLATFORMS	
	Chair: <i>Sian Harding</i>	
	14:00 – 14:15	Polymer-based tissue engineering <i>Dr Sanjay Sinha</i> , Cambridge
	14:15 – 14:20	Discussion
	14:20 – 14:45	Epigenetic reprogramming in mammalian development <i>Professor Wolf Reik</i> , Babraham
	14:45 – 14:50	Discussion
14:50 – 15:20	Refreshments and Posters <i>Buck House foyer + Seminar Room</i>	
15:20 – 16:40	CELLS, TISSUES AND WHOLE ANIMAL MODELS	
	Chair: <i>Andrew Baker</i>	
	15:20 – 15:35	Myocardial slices as a model system for human stem cell integration <i>Professor Cesare Terracciano</i> , Imperial <i>Dr Filippo Perbellini</i> , Imperial
	15:35 – 15:40	Discussion
	15:40 – 15:55	Investigating how inflammation impacts on tissue repair <i>Professor Paul Martin</i> , Bristol
	15:55 – 16:00	Discussion
	16:00 – 16:15	Perivascular regenerative cells for cardiovascular repair <i>Professor Bruno Péault</i> , Edinburgh
	16:15 – 16:20	Discussion
	16:20 – 16:35	Hitting the headlines – communicating your research in the media <i>Mr Ben Kolb</i> , British Heart Foundation
	16:35 – 16:40	Discussion
16:40 – 17:20	KEYNOTE Stem cells for treatment of heart failure: Is a prime time use realistic and when? <i>Professor Philippe Menasché</i> Department of Cardiovascular Surgery, INSERM U970 and University Paris Descartes, Paris, FRANCE	
17:20 – 17:30	Discussion	
17:30	Closing comments	
17:40	Drinks Reception <i>Buck House foyer</i>	
18:45	Close	