



Joint BSCR and BSGCT Conference

Cell therapy for cardiovascular disease in the 21st century: a reflective and prospective update.

Day 1: Thursday 11th June 2015	
9:00	Conference registration desk opens – Technology Innovation Centre
11:00-12:30	Organ regeneration/tissue engineering approaches (BSGCT session open to all delegates)
11:10-11:35	Induced pluripotent stem cells: New Ways to Refurbish Old Hearts? Ulrich Martin, Hannover Medical School
11:35-11:50	Human Hepatocyte Transplantation for liver based metabolic disorders and acute liver failure, Anil Dhawan, King's College London
11:50-12:30	SPECIAL GUEST LECTURE: Should we be engineering cells or their environment for the future of cardiac repair?" Doris Taylor, Texas Heart Institute Chair: Sian Harding, Imperial College
12:30-13:30	<i>Welcome lunch</i>
13:30-13:35	Welcome
Symposium 1 - Endogenous Cardiac Repair and Regeneration Chairs: Nicola Smart, University of Oxford & Martin Bennett, University of Cambridge	
13:35-14:00	Noncoding RNA-regulated networks in cardiac homeostasis Thierry Pedrazzini, University of Lausanne
14:00-14:25	Immune control of cardiac regeneration Nadia Rosenthal, Imperial College
14:25-14:50	Epigenetic mechanisms of epicardial gene reactivation to repair the adult heart Joaquim Miguel Vieira, Department of Physiology, Anatomy and Genetics, University of Oxford
14:50-15:05	Selected oral abstract
15:05-15:20	Selected oral abstract
15:20-15:50	<i>Exhibition, posters and afternoon refreshments</i>
Symposium 2 - Tissue engineering for Cardiac Repair Chairs: Sian Harding, Imperial College & Chris Denning, University of Nottingham	
15:50-16:15	Overcoming challenges for stem cell-derived cardiomyocytes in cardiac grafting Lior Gepstein, Rappaport Institute, Haifa
16:15-16:40	Engineered heart tissue in modelling and repair Thomas Eschenhagen, Universitat Hamburg
16:40-17:05	Designing regenerative biomaterial therapies for the clinic Molly Stevens, Imperial College
17:05-17:20	Selected oral abstract
17:20-17:35	Selected oral abstract
17:35-19:00	<i>Exhibition and posters</i>
19:00	<i>Conference Dinner at Trades Hall</i>

Day 2: Friday 12th June 2015	
08:00	Conference desk opens – Technology Innovation Centre
Symposium 3 - Vascular Repair and Regeneration Chairs: Yvonne Alexander, Manchester Metropolitan University & Andy Baker, University of Glasgow	
08:30-08:55	Transcriptional networks governing vascular growth Sarah De Val, University of Oxford, Ludwig Institute for Cancer Research
08:55-09:20	Mesenchymal stem cell fate and implications for neovascularization Cay Kielty, University of Manchester
09:20-09:45	Natural history of mesenchymal stem cells, from vessel walls to culture vessels



	Bruno Péault, University of Edinburgh	
09:45-10:00	Selected oral abstract	
10:00-10:15	Selected oral abstract	
10:15-10:45	<i>Exhibition, posters and morning refreshments</i>	
Symposium 4 - Clinical Applications		
Chairs: David Newby, University of Edinburgh & Colin Berry, University of Glasgow		
10:45-11:10	REGENERATE Anthony Mathur, Queen Mary University of London	
11:10-11:35	Autologous CD133+ bone marrow cells and bypass grafting for regeneration of ischaemic myocardium: the Cardio133 trial Christof Stamm, German Heart Institute Berlin	
11:35-12:00	Cardiac progenitors from human pluripotent stem cells: towards the clinic? Philippe Menasche, Department of Cardiovascular Surgery, Hôpital Européen Georges Pompidou & Université Paris Descartes, Paris	
12:00-12:15	Selected oral abstract	
12:15-12:30	Selected oral abstract	
12:30-12:35	<i>Comfort break</i>	
12:35-13:15	KEYNOTE: Cardiac Regeneration and Aging Rich Lee, Harvard Medical School	
13:15-13:30	Award presentations and close of meeting	
13:30-14:30	<i>Networking Lunch</i>	