



BHF Centre of Regenerative Medicine – Annual Oxbridge Meeting
Kohn Centre, The Royal Society, Carlton House Terrace, London
Friday 29 September 2017

10.00 **Arrival, Registration, Coffee**

10.20 Paul Riley and Martin Bennett

Update on the Oxbridge BHF CRM

10.30 Enrique Amaya (Manchester)

A conserved role for reactive oxygen species during early embryonic development and appendage regeneration

11.00 Laure Gambardella

Molecular and functional heterogeneity of human epicardium

11.25 Madeline McNamara

Development of new therapies for Marfan Syndrome using an in vitro human iPSC disease model

11.40 Caroline Telfer

Dissecting the upstream regulators of the Gata factors during heart development

11.55 Mukesh Lalwani

Injury-induced spatial regulation of Wnt/ β -catenin signalling in cardiomyocytes during heart regeneration

12.20 **Lunch**

13.20 Mathilda Mommersteeg

Heart regeneration in the Mexican cavefish

13.50 Ellie Price

The role of hypoxia and HIF-mediated signaling in epicardial activation, during development and neonatal cardiac regeneration

14.05 Giovanni Canu

Cell-cycle dependent mechanisms controlling differentiation of haematopoietic stem cells

14.20 Tonia Thomas

Neovascularisation of the heart post-MI: A role for endocardial trabeculation?

14.35 Angela Russell

Chemistry for regenerative medicine: Discovery of small molecules to manipulate cell fate in situ

15.05 **Tea**

15.45 Sian Harding (Imperial)

iPSC-derived cardiomyocytes for modelling disease: focus on the adrenergic system

16.30 Paul Riley and Martin Bennett

Closing comments

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