



BHF Centre of Regenerative Medicine – Annual Oxbridge Meeting
Wellcome Trust Lecture Hall, The Royal Society, Carlton House Terrace, London
Friday 30th September 2022

10.00 Arrival, Registration, Coffee

10.30 Paul Riley
Introduction

Session I. Models of heart regeneration

10.40 Maria Colzani (Cambridge)
Optimization of cell and matrix components towards the development of a next generation tissue engineered patch

11.00 Enrique Amaya (Manchester)
Are protein tyrosine phosphatases critical downstream targets of ROS during appendage and heart regeneration?

11.30 Gennaro Ruggiero (Oxford)
A life in darkness: Crosstalk between circadian rhythm and fish heart regeneration

11.50 Jurgen Schneider (Leeds)
Imaging of the (neonatal) mouse heart

12.20 Lunch

Session II. Vasculogenesis and Neovascularization

13.30 Helle Jorgensen (Cambridge)
Activation of endogenous smooth muscle cell proliferation

14.00 Nicola Smart (Oxford)
Stimulating vessel growth to repair the damaged heart

14.30 Martin Bennett (Cambridge)
Effects of cell senescence on arterial remodelling: implications for vasculogenesis

15.00 Tea

15.40 Raimondo Ascione (Bristol)
Final step preclinical validation of new cardiovascular therapies

16.30 Paul Riley
Closing comments

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