

BHF Centre of Research Excellence

Annual Research Symposium

Monday 7th September 2015



Venue: The Mathematical Institute,
Radcliffe Observatory Quarter,
Oxford OX2 6GG



08.30 – 09.00	Registration with coffee/tea & pastries	
09.00 – 09.10	Welcome and update on BHF CRE developments and opportunities. Professor Hugh Watkins	
09.10 – 10.25	Session 1: New experimental approaches in physiology and mechanisms of disease Chair: Professor Barbara Casadei	
	09.10 – 09.35	Professor Richard Wade-Martins Novel molecular therapies for the treatment of familial hypercholesterolemia
	09.35 – 10.00	Professor Antony Galione Intracellular Ca ²⁺ stores and micro domain signalling
	10.00 – 10.25	Professor Paul Riley The development and response to injury of the cardiac lymphatics
10.25 – 11.00	Refreshments	
11.00 – 12.00	Keynote talk & discussion Chair: Professor Hugh Watkins	
	Professor Connie Bezzina, Molecular and Experimental Cardiology Group, Amsterdam The genetics of cardiac arrhythmias	
12.00 – 13.45	Poster viewing and judging & lunch / discussion time	
13.45 - 15.00	Session 2: Cardiovascular Genetics & Genomics. Chair: Professor Peter Donnelly	
	13.45 – 14.10	Dr Kate Thomson Interpreting rare variants in inherited heart disease
	14.10 – 14.35	Professor Martin Farrall Coronary Artery Disease - Stretching the Common Disease/Common Variant Hypothesis
	14.35 – 15.00	Professor Gil McVean Opportunities and challenges in the integration of genomics and big data
15.00 – 15.30	Refreshments and final poster judging time / panel meeting	
15.30 - 16.45	Session 3: Engineering, Data & Image analysis Chair: Professor Hugh Watkins	
	15.30 – 15.55	Professor Lionel Tarassenko New ways of recording and analysing cardiovascular vital signs
	15.55 – 16.20	Dr Gil Bub Optogenetic control of cardiac excitation
	16.20 – 16.45	Professor Blanca Rodriguez Human-based Cardiovascular Science: A multiscale interdisciplinary challenge.
16.45 – 17.00	Concluding remarks and poster prizes	
17.00 – 18.00	Drinks, canapés & discussion time	