



**BHF Centre of Research Excellence
Annual Research Symposium
Monday 19th September 2016**



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: Cardiovascular Drug Discovery Chair: Professor Antony Galione	
	09.10 – 09.35	Professor Shoumo Bhattacharya <i>Targeting the chemokine network using novel tick salivary peptides</i>
	09.35 – 10.00	Professor Angela Russell <i>Medicinal Chemistry and the validation of new cardiovascular drug targets</i>
	10.00 – 10.25	Rebecca Hancock <i>Epigenetic regulation in hypoxia</i>
10.25 – 11.00	Refreshments	
11.00 – 12.15	Session 2: Genetics & Genomics Chair: Professor Martin Farrall	
	11.00 – 11.25	Professor Hugh Watkins <i>Whole genome sequencing in inherited diseases</i>
	11.25 – 11.50	Dr Duncan Sparrow <i>Environmental influences on mouse heart development</i>
	11.50 – 12.15	Professor Jemma Hopewell <i>The potential of large-scale pharmacogenetic studies to inform pharmacotherapy</i>
12.15 – 14.00	Poster viewing and judging. Lunch / discussion time	
14.00 – 15.15	Session 3: Informatics and data analysis Chair: Professor Sir Rory Collins	
	14.00 – 14.25	Professor Martin Landray <i>Improving the efficiency and quality of large-scale clinical trials and cohort studies through effective use of clinical data</i>
	14.25 – 14.50	Dr Aiden Doherty <i>Characterising behavioural phenotypes and their health consequences from wearable sensors</i>
	14.50 – 15.15	Professor Vicente Grau <i>Automating image analysis for Cardiovascular Magnetic Resonance (CMR), with application to personalised modelling</i>
15.15 – 15.45	Refreshments and final poster judging time / panel meeting	
15.45 – 16.35	Session 4: Proteomics, metabolomics and vascular disease Chair: Professor Jane Armitage	
	15.45 – 16.10	Dr Mark Crabtree <i>Using metabolomic and proteomic approaches to reveal novel roles for BH4 in cardiovascular disease</i>
	16.10 – 16.35	Professor Robin Choudhury <i>Determinants of changes in monocyte function in patients with acute MI in the OxAMI study</i>
16.35 – 17.15	Keynote Lecture Professor Paul Elliott <i>Future directions and opportunities in metabolomics</i>	
17.15 – 17.30	Concluding remarks and presentation of poster prizes	
17.30 – 18.30	Drinks, canapés & discussion time	