



**Oxford BHF Centre of Research Excellence**  
**Research Symposium**  
 Tuesday 3<sup>rd</sup> November 2020  
 Virtual via Zoom



1:30 – 1:40	<b>Professor Hugh Watkins</b> Director, Oxford BHF CRE. <i>Welcome and Oxford BHF CRE updates</i>
<b>Session 1</b> Start Time 1.40pm	<b>Chair: Professor Blanca Rodriguez</b>
1:40 – 1:55	<b>Professor Jemma Hopewell</b> Professor of Precision Medicine & Epidemiology, BHF Intermediate Basic Science Research Fellow, NDPH. <i>Predicting response to cardiovascular therapies – promises and pitfalls</i>
1:55 – 2:05	<b>Dr Zhinuo Jenny Wang</b> Post-doctoral researcher in the Department of Computer Science, MPLS Division. <i>Computer simulations of human heart electromechanical function in post-myocardial infarction using cardiac MR-based models</i>
2:05 – 2:20	<b>Dr Andrew Harper</b> Clinical Research Fellow in cardiovascular genetics, Division of Cardiovascular Medicine, RDM. <i>Common variant contributions towards hypertrophic cardiomyopathy</i>
2:20 – 2:40	Refreshment Break
<b>Session 2</b> Start Time 2.40pm	<b>Chair: Associate Professor Duncan Sparrow</b>
2:40 – 2:55	<b>Dr Filipa Simoes</b> Post-doctoral researcher, DPAG & RDM. <i>Macrophages directly contribute collagen to scar formation during heart regeneration</i>
2:55 – 3:05	<b>Sonali Munshaw</b> 3rd year DPhil student, DPAG. <i>Thymosin B4 protects against aortic aneurysm via endocytic regulation of growth factor signalling</i>
3:05 – 3:15	<b>Dr Jillian Simon</b> Post-doctoral researcher, Division of Cardiovascular Medicine, RDM. <i>Oxidized PKAR1<math>\alpha</math> protects against ischemia-reperfusion injury by inhibiting lysosomal-triggered calcium release</i>
3:15 – 3:30	<b>Associate Professor Mark Crabtree</b> BHF Intermediate Research Fellow, Division of Cardiovascular Medicine, RDM. <i>New Metabolic Targets in Cardiovascular Disease</i>
3:30 – 3:50	Refreshment Break
<b>Session 3</b> Start time 3.50pm	<b>Chair: Professor Hugh Watkins</b>
3:50 – 4:05	<b>Professor Jonathan Emberson</b> Professor of Medical Statistics and Epidemiology, MRC Population Health Research Unit, NDPH. <i>A blood-based prospective study of 150,000 Mexican adults followed for more than 15 years</i>
4:05 – 4:20	<b>Professor Manuela Zaccolo</b> Professor of Cell Biology, DPAG. <i>Compartmentalised cAMP signalling : mapping subcellular nanodomains for precision therapy</i>
4:20 – 4:35	<b>Dr Betty Raman</b> BHF CRE Intermediate Clinical Transition Research Fellow, Division of Cardiovascular Medicine, RDM. <i>Medium term effects of COVID-19 on multi-organ health, exercise tolerance, mental health and quality of life post hospital discharge</i>
4:35 – 4:45	<b>Professor Hugh Watkins</b> - Closing Remarks