



The Mathematical Institute  
Radcliffe Observatory Quarter  
Oxford OX2 6GG



<b>08.45 – 09.15</b>	<b>Registration</b> with coffee & pastries
<b>09.15 – 09.30</b>	<b>Welcome &amp; update on Oxford BHF CRE developments and opportunities</b> <b>Professor Hugh Watkins</b>
<b>09.30 – 10.40</b>	<b>Session 1: Chair - Professor Paul Riley</b>
09.30 - 09.55	Professor Claudia Monaco <i>Functional diversity of vascular macrophages in atherosclerosis.</i>
09.55 – 10.20	Dr Sarah De Val: <i>Multiple independent regulatory pathways control coronary vessel growth during both development and disease.</i>
10.20 – 10.30	Dr Nikita Ved <i>Diabetes during pregnancy induces embryonic defects.</i>
10.30 – 10.40	Dr Filipa Simões: <i>Macrophages directly contribute collagen to transient scar formation during zebrafish heart regeneration.</i>
<b>10.40 – 11.10</b>	<b>Refreshments</b>
<b>11.10 – 12.30</b>	<b>Session 2: Chair - Professor David Paterson</b>
11.10 – 11.35	Professor Fredrik Karpe <i>Biology of human fat distribution and implications for cardiovascular disease.</i>
11.35 – 12noon	Associate Professor Oliver Rider <i>Non Invasive Imaging of Cardiac Metabolism in Health and Disease</i>
12noon – 12.10	Dr Jyoti Patel <i>Novel Aspects of Chemokine Receptor Signalling in Cardiovascular Inflammation.</i>
12.10 – 12.20	Dr Rohan Wijesurendra: <i>Investigating atrial fibrillation pathophysiology in patients with advanced magnetic resonance</i>
12.20 – 12.30	Dr Andrew Lewis <i>Hyperpolarized magnetic resonance and the heart.</i>
<b>12.30 – 14.15</b>	<b>Lunch &amp; discussion, poster viewing and judging</b>
<b>14.15 – 15.10</b>	<b>Session 3: Chair - Professor Colin Baigent</b>
14.15 – 14.40	Associate Professor Jon Emberson. <i>The Mexico City prospective blood-based study of 150,000 adults followed for 14 years.</i>
14.40 – 14.50	Dr Adam Lewandowski <i>Early Insights into the Preterm Heart: Cardiac remodelling and future risk.</i>
14.50 – 15.00	Dr Will Herrington <i>Reducing cardiovascular risk in advanced chronic kidney disease.</i>
15.00 – 15.10	DPhil student Aurore Lyon <i>A computational approach to risk stratification in hypertrophic cardiomyopathy.</i>
<b>15.10 – 15.45</b>	<b>Refreshments and final poster judging / panel meeting</b>
<b>15.45 – 16.30</b>	<b>Session 4: Chair - Professor Barbara Casadei</b>
15.45 – 16.10	Professor Peter Donnelly. <i>Human genetic data to validate drug targets.</i>
16.10 – 16.20	Dr Ben Cairns. <i>What are the prospects for preventing aortic stenosis?</i>
16.20 – 16.30	Dr Jillian Simon <i>Unravelling the importance of redox compartmentalization in cardiac arrhythmias.</i>
<b>16.30 – 17.15</b>	<b>Keynote Lecture</b> <b>Professor Nick Morrell, BHF Professor of Cardiopulmonary Medicine, Cambridge.</b> <i>From genetics to new therapeutic opportunities in pulmonary arterial hypertension</i>
<b>17.15 – 17.30</b>	<b>Concluding remarks and presentation of poster prizes</b>
<b>17.30 – 18.30</b>	<b>Drinks, canapés &amp; discussion</b>