



**Oxford BHF Centre of Research Excellence**  
**Research Symposium**  
 Wednesday 10<sup>th</sup> November 2021  
*Virtual via Zoom*



10:00 - 10:10	<b>Professor Hugh Watkins</b> Director, Oxford BHF CRE. <i>Welcome and Oxford BHF CRE updates</i>
<b>Session 1</b> <b>Start Time 10:10</b>	<b>Chair: Professor Sir Rory Collins</b> <b>Oxford BHF CRE Transition Research Fellows</b>
10:10 – 10:25	<b>Dr Kerstin Timm:</b> <i>The crucial role of metabolism in cardio-oncology</i>
10:25 – 10:40	<b>Dr Peter Chan:</b> <i>Air pollution and cardiovascular health: what's more to know?</i>
10:40 – 10:55	<b>Dr Marion Mafham:</b> <i>Cardiovascular outcomes in clinical trials: definitions of truth</i>
10:55 – 11:10	<b>Dr Qiang Zhang:</b> <i>'Virtual contrast dye' to replace gadolinium and needles: How AI is advancing cardiac MRI</i>
11.10 – 11.30	<i>Refreshment Break</i>
<b>Session 2</b> <b>11:30 – 12:15</b>	<b>Chair: Professor Sarah De Val</b> <b>Poster competition short-list talks</b>
	Eight four-minute talks from the short-listed poster competition entrants.
12.15-12.30	<i>Break for refreshments and time to enter Gather Town</i>
<b>12.30 – 13.30</b>	<b>Poster viewing and discussions in Gather Town</b>
<b>13.30 – 13.45</b>	<b>Image Competition – Viewing of entries and audience voting</b>
<b>Session 3</b> <b>Start Time 13.45</b>	
13.45 – 14.00	<b>Dr Chris Toepfer:</b> <i>Human stem cell models for defining cellular pathomechanisms in inherited cardiomyopathies</i>
14.00 – 14:15	<b>Dr Francesca Margara:</b> <i>Human-based Computational Investigations into Cardiac Electromechanical Alterations Caused by Drugs and Hypertrophic Cardiomyopathy</i>
14.15 – 14.30	<b>Prof Ellie Tzima:</b> <i>Mechano-pulling the strings on atherosclerosis</i>
14.30 – 14.45	<i>Refreshment Break</i>
<b>Session 4</b> <b>Start time 14.45</b>	<b>Chair: Professor Cornelia van Duijn</b>
14.45 – 15.00	<b>Dr Jason Torres:</b> <i>Genetic insights from the Mexico City Prospective Study</i>
15.00 – 15.15	<b>Dr Alice Neal:</b> <i>Transcriptional regulation of arterial-venous patterning</i>
15.15 – 15.30	<b>Dr Richard Tyser</b> <i>Defining Cardiac Progenitors During Early Human Heart Development</i>
15:30 – 16:00	<i>Refreshment Break</i>
<b>Session 5</b> <b>16:00 – 16:45</b>	<b>Keynote Speaker – Professor Eric Olson, UT Southwestern Medical Center</b> <i>Toward Genetic Therapies for Cardiovascular Disease</i>
16:45 – 17:00	<b>Professor Hugh Watkins – Presentation of poster and image competition prizes and closing remarks</b>