

# **BHF Accelerator Award Research Symposium 2021**

**13th October 2021 - 11:00-16:20**

Provisional Programme

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Schedule	Session Title	Time	Speaker	Chairperson(s)
<b>Morning session - 11:00 – 13:00</b>				
11:00-11:05	<b>Introduction &amp; Housekeeping</b>	5 mins	<b>Dr. Suraj Pathak</b> CRF Cardiac Surgery	<b>Dr. Alastair Moss</b> BHF ACL Cardiology
<b>BHF Accelerator Overview</b>				
11:05-11:15	<b>Highlights of the BHF Accelerator Program 2021</b>	10 Mins	<b>Prof. Gavin Murphy</b> BHF Chair in Cardiac Surgery, BHF Accelerator Director	<b>Dr. Suraj Pathak</b> CRF Cardiac Surgery
<b>BHF Accelerator - Keynote Speaker</b>				
11:15-11:45	<b>Can Artificial Intelligence Improve Outcomes in Cardiovascular Disease?</b>	30 mins	<b>Dr. Michelle Williams</b> BHF Senior Lecturer, University of Edinburgh	<b>Dr. Alastair Moss</b> BHF ACL Cardiology
<b>Interdisciplinary Research in Cardiovascular Disease</b>				
11:45-12:00	<b>GWAS Studies in CAD</b>	15 mins (12min Presentation 3 min Q&A)	<b>Dr. Tom Webb</b> Associate Professor in Cardiovascular Genomics	<b>(1) Prof. Shu Ye</b> Professor of Cardiovascular Molecular Medicine and Genetics  <b>(2) Prof. Alison Goodall</b> Professor of Thrombosis and Haemostasis
12:00-12:15	<b>The Impact of Multimorbidity on Gene Expression and Energy Metabolism in Human Myocardium</b>	15 mins (12min Presentation 3 min Q&A)	<b>Dr. Marcin Wozniak</b> Lecturer in Cardiovascular Biomarkers	
12:15-12:30	<b>Atrial Fibrillation: Interdisciplinary Research for Improving the Therapy of the Most Prevalent Cardiac Arrhythmia</b>	15 mins (12min Presentation 3 min Q&A)	<b>Dr. Tiago Paggi de Almeida</b> BHF Research Fellow	
12:30-12:45	<b>Repurposing Existing Interventions for Use in Acute Intracerebral Haemorrhage</b>	15 mins (12min Presentation 3 min Q&A)	<b>Dr. Jatinder Minhas</b> NIHR Clinical Lecturer in Older People and Complex Health Needs	
12:45-13:00	<b>Vein Graft Modelling</b>	15 mins (12min Presentation 3 min Q&A)	<b>Mr. Mustafa Zakkar</b> Associate Professor in Cardiothoracic Surgery	
13:00-13:15	Q&A Session - 15 mins			
<b>Lunch</b>	<b>Lunch - 30 Mins</b>			

**11:00-13:15**

## Afternoon Session

Afternoon Session					
1345-16:20	13:45-13:50	<b>Introduction</b>	5 mins	<b>Dr. Alastair Moss</b> BHF ACL Cardiology	<b>Dr. Suraj Pathak</b> CRF Cardiac Surgery
	<b>Clinical Translation in Cardiovascular Disease</b>				
	13:50-14:05	<b>Understanding the Genetic Causes of Bicuspid Aortic Valve</b>	15 mins (12min Presentation 3 min Q&A)	<b>Dr. Radek Diebec</b> NIHR ACL in Platform Science (Cardiology)	(1) <b>Prof. Matthew Bown</b> Professor of Vascular Surgery (2) <b>Dr. David Adlam</b> Associate Professor in Acute and Interventional Cardiology
	14:05-14:20	<b>Imaging Biomarkers in Aortic Stenosis</b>	15 mins (12min Presentation 3 min Q&A)	<b>Dr. Anvesha Singh</b> Associate Professor in Cardiovascular Imaging	
	14:20-14:35	<b>The Cardiovascular Phenotype of Chronic Kidney Disease</b>	15 mins (12min Presentation 3 min Q&A)	<b>Dr. Matthew Graham Brown</b> NIHR ACL Renal Medicine	
	14:35-14:50	<b>Fibro-inflammatory Plasma Biomarkers in Relation to Cardiovascular Re-modelling in Type 2 Diabetes and Response to Lifestyle Interventions</b>	15 mins (12min Presentation 3 min Q&A)	<b>Dr. Emer Brady</b> NIHR Post Doctoral Fellow in Heart Failure and Type 2 Diabetes	
	14:50-15:05	<b>Microvascular Dysfunction In Heart Failure with Preserved Ejection Fraction</b>	15 mins (12min Presentation 3 min Q&A)	<b>Dr. Ranjit Arnold</b> Associate Professor in Cardiovascular Imaging	
	15:05-15:20	<b>Peripheral Vascular Disease</b>	15 mins (12min Presentation 3 min Q&A)	<b>Mr. Emmanuel Katsogridakis</b> BHF ACL in Vascular Surgery	
	15:20-15:35	<b>Q&amp;A Session - 15 mins</b>			
	<b>BHF Accelerator Keynote Speaker</b>				
15:35-16:15	<b>Precision Medicine Clinical Trials in Cardiovascular Disease: Making the Future a Reality</b>	40 mins	<b>Prof. David Newby</b> BHF Duke of Edinburgh Chair of Cardiology, University of Edinburgh	<b>Prof. Gerry McCann</b> NIHR Professor of Cardiac Imaging	
<b>End of Session</b>					
16:15-16:20	<b>Closing Remarks</b>	5 mins	<b>Prof. Gavin Murphy</b> BHF Chair in Cardiac Surgery, BHF Accelerator Director	<b>Dr. Alastair Moss</b> BHF ACL Cardiology	