

You are warmly welcomed to the British Heart Foundation Accelerator Award Research Symposium 2023 in Leicester. This in-person event aims to showcase our most successful early career researchers and their cutting-edge research, highlight areas for further interdisciplinary collaboration, and provide new networking opportunities with our invited guest speakers. I would like to thank our visiting faculty who have travelled to Leicester to support the symposium. I would also like to thank Charles, Liam, and Sue for organising the event. I hope that attendees use the day to generate new ideas and opportunities.

The Leicester British Heart Foundation Accelerator Award focuses on precision medicine with key themes of biomarker discovery, genomics, imaging, new cardiovascular interventions, stroke medicine and vascular surgery. In pursuit of these themes, the award has over the last 4 years funded 15 Pump priming awards, 5 Clinical Research Fellowships, 1 Biostatistician, 6 non-clinical research fellowships, 3 Early Career Researcher Project awards, and 1 OMICS Fellow, and attracted 3 NIHR ACL and 4 ACFs in matched funding. This has pump primed career defining research, facilitated valuable collaborations and expanded the talent pool of future leaders in cardiovascular research.

We hope you enjoy the symposium and use the opportunity to expand your research network and ideas.

Gavin Murphy

Director, Leicester BHF Research Accelerator

British Heart Foundation Accelerator Award Research Symposium 2023

Theme: “Future directions in cardiovascular research”

Wednesday 11 October 2023

College Court, Leicester, LE2 3UF, United Kingdom



Time	Title	Speaker
9:30	Registration and Refreshments	
10:00	Welcome, Highlights and Overview	Gavin Murphy
Session 1: Atherosclerosis <i>Chairs: Professor Matthew Bown and Professor Gavin Murphy</i>		
10:05	Introduction to the morning session	Chairs
10:10	ECR Keynote – Endothelial-to-mesenchymal transition in atherosclerosis disease: challenges and opportunities	Ignacio Fernando Hall (Edinburgh)
10:40	Genetic basis of Atherosclerosis, functional genomics.	Thomas Webb
10:55	Atherosclerosis and Vein grafts	Mustafa Zakkar
11:10	Break and Refreshments	
Session 2: Genes and Surgery <i>Chairs: Professor Gavin Murphy and Professor Matthew Bown</i>		
11:30	Keynote 1 - Changing The Coronary Surgery Landscape? Total Arterial Revascularisation	Alistair Royce (Melbourne)
12:00	Telomeres and cardiovascular disease	Veryan Codd
12:15	Genetic variation underlying cardiovascular disease	Chris Nelson

Time	Title	Speaker
12:30	Lunch	
Session 3: Electrophysiology and the Environment <i>Chairs: Professor Andre Ng and Dr Anvesha Singh</i>		
13:30	Introduction to the afternoon session	Chairs
13:35	Keynote 2- Artificial Intelligence in Cardiology	Fu Siong Ng (Imperial college)
14:05	Environmental exposures and cardiovascular disease	Anna Hansell
14:35	Break and Refreshments	
Session 4: Imaging <i>Chairs: Professor Andre Ng and Dr Anvesha Singh</i>		
15:00	Coronary plaque progression with CT: should we be repeat testing patients?	Gaurav Gulsin
15:10	Advanced Imaging Prognostic and Progression Markers in Aortic Stenosis	Anvesha Singh
15:25	Keynote 3 - Advanced Imaging techniques and their applications	Eylem Levelt (Leeds)
15:55	Closing remarks	Gavin Murphy

