



British Heart
Foundation

Research Grant Awards

2024-2025

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Introduction

In the year April 2024 to March 2025 British Heart Foundation (BHF) awarded grants totalling £108.4 million* for research into the causes, prevention, diagnosis and treatment of cardiovascular disease.

BHF has five independent research grant committees, each of which meets up to four times a year. The members of each committee are experts in various aspects of basic and clinical cardiovascular research. Applications are sent to independent subject matter peer reviewers before being assessed by committee. Judgements are made on factors such as scientific merit, relevance to cardiovascular disease, timeliness, relationship to other work in the field, and value for money. Applicants for Translational Awards, and shortlisted applicants for Personal Chairs, and Intermediate and Senior Fellowships are interviewed.

The Chairs and Programme Grants Committee awarded £36.6 million. This included £1.5 million for a new BHF Personal Chair for Professor O'Regan at Imperial College London, and £13 million to two Strategic Initiatives in partnership with other UK research funders.

There were 25 awarded Chairs (also referred to as BHF Professors) on 31 March 2025. Each chairholder receives a site visit every five years to assess past research performance, future plans and proposed expenditure. The visiting team includes internationally renowned scientists.

The Clinical Studies Committee supports clinical trials of treatments, diagnostics and other interventions and certain observational studies of specific patient groups. The Committee awarded £1.5 million to three applications.

The Translational Awards Committee awarded £0.4 million** to three applications for the development of cardiovascular research through early pre-clinical milestones, with the aim of advancing the research to be attractive for larger follow-on investment.

The Fellowships Committee awarded £35.9 million to 84 applications***, and the Project Grants Committee awarded £19.3 million to 68 applications.

The pages that follow list BHF Chairholders and new awards made during the year by each of the Committees. Full details of all types of awards offered, and the application process, can be found on BHF's website bhf.org.uk/research

Notes

* This figure includes supplements made to existing grants, as well as £5 million towards Our Future Health (awarded by the Executive Committee), £990,000 towards 51 Open Access Block Grants, and £28,500 towards 11 Small Meetings which are not listed in the following pages. It excludes awards made by Healthcare Innovation.

** This figure includes only the expected payments to the next milestone for grants which are conditional upon the successful achievement of project milestones.

*** One award totalling £282,850.96 included in this figure was declined.

BHF Chairholders

Listed by institution

Imperial College London

The Chair of Cardiovascular Medicine

Held by: **Professor B Casadei**

Transferred from University of Oxford on 1 October 2024

Major interest: Redox signalling in cardiovascular disease, particularly atrial fibrillation.

Imperial College London

The Chair of Cardiovascular Science

Held by: **Professor C Emanuelli**

Major interest: Growth and repair of adult blood vessels: roles of stem cells and angiogenic factors.

Imperial College London

The Chair of Cardiovascular Proteomics

Held by: **Professor M Mayr**

Major interest: Novel methods to detect and measure biomarkers of cardiovascular risk.

Imperial College London

The Chair of Cardiovascular AI

Held by: **Professor D O'Regan**

From 1 July 2024

Major interest: Understanding cardiovascular risk and disease progression through AI analysis of cardiac imaging and other data sets.

King's College London

The Chair of Molecular Cardiology

Held by: **Professor M Gautel**

Major interest: Cellular and molecular biology of the contractile proteins in heart muscle.

King's College London

The Chair of Cardiology

Held by: **Professor A M Shah**

Major interest: Cellular and molecular biology of production of reactive oxygen species in the cardiovascular system and their roles in atherosclerosis, cardiac hypertrophy and heart failure.

Queen Mary University of London

The Chair of Cardiovascular Immunology

Held by: **Professor F M Marelli-Berg**

Major interest: Control of T lymphocyte homing to the heart in rejection, autoimmunity and inflammation.

University of Birmingham

The Chair of Cardiovascular Sciences and Cellular Pharmacology

Held by: **Professor S P Watson**

To 30 September 2024

Major interest: Cellular and molecular biology of blood platelets in haemostasis and thrombosis.

University of Bristol

The Chair of Congenital Heart Surgery

Held by: Professor M Caputo

Major interest: Cardiac surgical research, particularly in congenital heart disease.

University of Bristol

The Chair of Cardiovascular Science and Clinical Epidemiology

Held by: Professor D A Lawlor

Major interest: Population health: links between ethnicity, genetics and health during pregnancy on the long-term cardiovascular health of mothers and children.

University of Cambridge

The Chair of Cardiovascular Sciences

Held by: Professor M R Bennett

Major interest: Molecular mechanisms controlling smooth muscle cell proliferation, ageing and death in atherosclerosis.

University of Cambridge

The Chair of Epidemiology and Medicine

Held by: Professor J N Danesh

Major interests: Cardiovascular epidemiology; large-scale studies of genetic and biochemical factors.

University of Cambridge

The Chair of Cardiovascular Medicine

Held by: Professor Z Mallat

Major interest: Cellular and molecular control of immune processes in atherosclerosis and vascular inflammation.

University of Edinburgh

The Chair of Translational Cardiovascular Sciences

Held by: Professor A H Baker

Major interest: Gene and cell-based therapies to combat vascular disease.

University of Edinburgh

The BHF Chair of Cardiology

Held by: Professor N L Mills

Major interest: Using digital healthcare data to learn about heart disease and its consequences and cardiovascular diagnostics.

University of Edinburgh

The Duke of Edinburgh Chair of Cardiology

Held by: Professor D E Newby

Major interest: Experimental cardiovascular medicine, including studies of air pollution as a risk factor for cardiovascular disease.

University of Leeds

The Chair of Cardiovascular and Diabetes Research

Held by: Professor M T Kearney

Major interest: Mechanisms by which insulin resistance and diabetes exacerbate atherosclerosis.

University of Leeds

The Chair of Cardiovascular Imaging

Held by: Professor S Plein

Major interest: Innovative cardiac magnetic resonance imaging for patient diagnosis and assessment.

University of Leicester

The Chair of Vascular Surgery

Held by: Professor M Bown

Major interest: Causes of, and screening for, aortic abdominal aneurysms, and treatments for peripheral arterial disease.

University of Leicester

The Chair of Cardiac Surgery

Held by: Professor G J Murphy

Major interest: Strategies to reduce distal organ injury occurring during cardiac surgery.

University of Manchester

The Chair of Cardiology

Held by: Professor B D Keavney

Major interest: Genetics of heart disease.

University of Oxford

The BHF Chair of Cardiovascular Medicine

Held by: Professor C Antoniades

Major interest: How fat in the body and surrounding arteries communicates with the heart and blood vessels, leading to heart attacks and strokes.

University of Oxford

The Chair of Cardiovascular Medicine

Held by: Professor S Bhattacharya
To 31 May 2024

Major interests: Developmental biology of the heart; cardiovascular drug target discovery.

University of Oxford

The Field Marshal Earl Alexander Chair of Cardiovascular Medicine

Held by: Professor K M Channon

Major interests: Redox signalling in atherosclerosis; using genetics and genomics to discover novel molecular pathways in atherosclerosis.

University of Oxford

The Chair of Medicine and Epidemiology

Held by: **Professor Sir Rory Collins**

Major interests: Meta-analysis and large-scale trials in cardiovascular disease; large-scale epidemiological studies of risk factors and biomarkers.

University of Oxford

The Chair of Regenerative Medicine

Held by: **Professor P R Riley**

Major interest: Developmental biology of the heart and its applications to cardiac regenerative medicine.

University of Oxford

The Chair of Cardiovascular Medicine

Held by: **Professor H C Watkins**

Major interests: Genetics and underlying molecular mechanisms in hypertrophic cardiomyopathy; genetics of coronary artery disease.

Awards made during the year

1 April 2024 - 31 March 2025

Fellowships

Listed alphabetically by institution

NON-CLINICAL FELLOWSHIPS

Senior Basic Science Research Fellowship

Reference number	Name	Institution	Grant title	Total
FS/SBSRF/24/31040	Dr H F Jorgensen	University of Cambridge	Vascular smooth muscle cell (VSMC) heterogeneity and vascular disease 60 months	£1,067,759.00

Intermediate Basic Science Research Fellowships

Reference number	Name	Institution	Grant title	Total
FS/IBSRF/23/25188	Dr J L Sanchez-Alonso	Imperial College London	New approach for functional nano-imaging of neuro-cardiac junctions 60 months	£844,277.37
FS/IBSRF/24/25222	Dr C Derrick	Newcastle University	Modelling familial bicuspid aortic valve genetic variants with zebrafish 60 months	£792,379.70
FS/IBSRF/24/25210	Dr A Slater	University of Birmingham	Studying the full-length structure of the GPVI receptor complex in the membrane: identifying novel sites of selective inhibition and antiplatelet activity 60 months	£708,095.27
FS/IBSRF/24/25203	Dr H T C Kong	University of Bristol	Modulation of cardiac excitation-contraction coupling by inositol (1,4,5) trisphosphate and associated para/autocrine activators elevated in cardiovascular disease 60 months	£835,831.73
FS/IBSRF/25/25252	Dr J Kalisch-Smith	University of Oxford	Genetic regulation and patterning of the placental vasculature in development, miscarriage and congenital heart disease 60 months	£875,001.87
FS/IBSRF/24/25194	Dr T Keeley	University of Oxford	New mechanisms of oxygen homeostasis in the cardiovascular system 60 months	£875,277.25

Career Re-entry Research Fellowship

Reference number	Name	Institution	Grant title	Total
FS/CRERF/DJT/25/22504	Dr S Bibi	University of Oxford	Joint BHF/Daphne Jackson Fellowship: Evaluating universality of the HyTwin model for hypertension 36 months	£149,993.99

Immediate Postdoctoral Basic Science Research Fellowships

Reference number	Name	Institution	Grant title	Total
FS/IPBSRF/24/27116	Dr C Armour	Imperial College London	Developing an integrated clinical imaging-based computational workflow for non-invasive risk stratification and assessment of haemodynamics in pulmonary hypertension 48 months	£374,694.03
FS/IPBSRF/24/27126	Dr S Fanti	Queen Mary University of London	Defining and treating T-cell mediated autoimmunity in arrhythmogenic cardiomyopathy 48 months	£348,111.47
FS/IPBSRF/24/27129	Dr T Mulroney	University of Oxford	Next-generation RNA therapeutics for cardiovascular disease 48 months	£396,361.95

Immediate Postdoctoral Basic Science Research Fellowships (continued)

FS/IPBSRF/24/27134	Dr K C Park	University of Oxford	Inflammation and immune checkpoint inhibitors: double-edged swords at the intersection of cancer therapies, cardio-oncology and cardiovascular disease 48 months	£442,843.81
FS/IPBSRF/24/27124	Dr T Sun	University of Oxford	Characterising the intrinsic catecholaminergic signalling and its function in Dbh ⁺ catecholaminergic myocytes 48 months	£359,737.54

4-year PhD Studentships

Reference number	Name	Institution	Grant title	Total
FS/4yPhD/F/24/34213	Prof J Mitchell	Imperial College London	ICL 4th intake, 2024 4-Year PhD Studentship (5th) Scheme: Mr Wei Zhong; Miss Mira Subramanian; Miss Kitti Vitai 48 months	£508,786.80
FS/4yPhD/F/24/34214	Dr A Ivetic	King's College London	KCL 4th intake, 2024 4-Year PhD Studentship (5th) Scheme: Miss Zahraa Bhatti; Miss Marta Bernardi; Miss Yirou Tang 48 months	£508,570.80
FS/4yPhD/F/24/34216	Prof A Ahluwalia	Queen Mary University of London	QMUL 4th intake, 2024 4-Year PhD Studentship (5th) Scheme: Ms Cynthia Nwanna; Ms Natalia Grzesik; Miss Una Wilcox 48 months	£479,407.80
FS/4yPhD/F/24/34217	Prof V Muthurangu	University College London	UCL 4th intake, 2024 4-Year PhD Studentship (5th) Scheme: Miss Jessica Constable; Ms Harshita Tangella; Ms Nneoma Okoli 48 months	£493,258.80
FS/4yPhD/F/24/34206	Prof A Poole	University of Bristol	Bristol 4th intake, 2024 4-Year PhD Studentship (5th) Scheme: Ms Catherine Upex; Ms Claudine Hodgson; Ms Markella Syrgkani 48 months	£445,952.40
FS/4yPhD/F/24/34218	Prof M Clarke	University of Cambridge	Cambridge 4th intake, 2024 4-Year PhD Studentship (5th) Scheme: Mr Solomon Shepherd; Ms Emily Smith; Ms Ameera Cunningham 48 months	£511,905.06
FS/4yPhD/F/24/34207	Prof M Bailey	University of Edinburgh	Edinburgh 4th intake, 2024 4-Year PhD Studentship (5th) Scheme: Miss Aerin Dumenil; Miss Laia Horcasitas; Mr Siddharth Mehdiratta 48 months	£463,616.40
FS/4yPhD/F/24/34208	Prof E Davies	University of Glasgow	Glasgow 4th intake, 2024 4-Year PhD Studentship (5th) Scheme: Mr Cameron Ross; Ms Charlotte Murphy; Ms Rosie Tudor 48 months	£446,697.45
FS/4yPhD/F/24/34209	Dr R Cubbon	University of Leeds	Leeds 4th intake, 2024 4-Year PhD Studentship (5th) Scheme: Ms Eleanor Caney; Mr Sam Owen; Ms Siobhan Beastall 48 months	£446,321.40
FS/4yPhD/F/24/34210	Prof G A Ng	University of Leicester	Leicester 4th intake, 2024 4-Year PhD Studentship (5th) Scheme: Ms Em Marston; Mr Ilyas Majid; Miss Nikita Kalidas 48 months	£446,327.40
FS/4yPhD/F/24/34211	Prof E Cartwright	University of Manchester	Manchester 4th intake, 2024 4-Year PhD Studentship (5th) Scheme: Ms Emily Byrne; Ms Frances Hedley; Ms Charlotte Smith 48 months	£443,177.40
FS/4yPhD/F/24/34212	Prof D Greaves	University of Oxford	Oxford 4th intake – The Wilson and Olegario Class of 2024, BHF 4-Year PhD Studentship (5th) Scheme: Miss Dona Josh; Ms Ellena O'Keeffe; Mr William Banyard; Mr Konstantinos Miti 48 months	£678,819.20

3-year PhD Studentships

Reference number	Name	Institution	Grant title	Total
FS/PhD/24/29557	Ms M Malliari	Brunel University London	Promoting inflammation resolution as a therapeutic strategy for cardiovascular pathologies 36 months	£136,795.50
FS/PhD/24/29544	Mr L McGuire	City St George's, University of London	Molecular distinction between arrhythmogenic cardiomyopathy and Brugada syndrome 36 months	£125,645.95
FS/PhD/NC3Rs/25/29910	Student to be confirmed (Supervisor: Prof C Shanahan)	King's College London	Joint NC3Rs/BHF PhD Studentship: Using a novel human 3D spheroid model to study mechanisms and therapeutics for vascular calcification 36 months	£100,000.00
FS/PhD/24/29457	Mr W Carey	Manchester Metropolitan University	The evaluation of heat therapy as a novel treatment for people with peripheral artery disease 36 months	£124,849.90
FS/PhD/24/29527	Ms M Bower	Newcastle University	Attenuation of damage to endothelium in transplanted heart by targeting the IL-6/SIP signalling axis 36 months	£119,670.90
FS/PhD/24/29568	Miss R Crossley	Newcastle University	Cell interactions in fourth pharyngeal arch artery morphogenesis 36 months	£128,888.02
FS/PhD/25/29642	Miss L Mathison	Newcastle University	The dynamic duo: how p16 and p21 drive senescence in cardiovascular disease 36 months	£131,095.37
FS/PhD/25/29614	Miss G Housni	Queen Mary University of London	Deciphering the mechanistic connections between metabolomics, breast cancer, and cardiovascular disease 36 months	£112,549.79
FS/PhD/24/29562	Miss A Bacelar Jimenez	Queen's University Belfast	Definition of epigenetic-regulated mechanisms and markers of microvascular endothelial cell dysfunction in heart failure with preserved ejection fraction 36 months	£143,218.90
FS/PhD/24/29535	Mr E Carter	University of Aberdeen	Understanding the role of lipid metabolism in heart failure 36 months	£124,127.90
FS/PhD/25/29621	Mr S C Roman	University of Birmingham	Vasculoprotective effects of interleukin-38 therapy in the diabetic coronary microcirculation of both sexes 36 months	£131,233.89
FS/PhD/25/29645	Miss S Smith	University of Birmingham	Investigating the role of SLFN14 in deep vein thrombosis (DVT) 36 months	£144,088.30
FS/PhD/24/29489	Mr N Townsend	University of Birmingham	Mapping platelet heterogenous response to the alarmin S100A8/A9 using correlative super resolution microscopy 36 months	£126,118.19
FS/PhD/24/29600	Mr T Woolhouse-Lorber	University of Birmingham	Development of PROTAC-based technology to inhibit inflammation by targeting the neutrophil extracellular trap – NLRP3 inflammasome axis 36 months	£126,136.74
FS/PhD/24/29563	Ms M Chowdhury	University of Bristol	Can nitazene synthetic opioids exert cardiotoxicity linked to hERG potassium channel block? 36 months	£130,792.90
FS/PhD/25/29633	Mr R Shenuka Manamperige	University of Cambridge	The role of HIF-2 in hypoxic programming of the sympathetic nervous system 36 months	£141,588.90
FS/PhD/25/29637	Ms B Waller	University of Cambridge	The early sprouts of the heart – <i>in vitro</i> modelling of human endocardium derived coronary plexus formation and the cellular communication that mediates it 36 months	£144,629.90
FS/PhD/24/29474	Mr G Smy	University of East Anglia	Piezo1 and aquaporin-1 regulate matrix stiffness driven vascular smooth muscle cell hypertrophy 36 months	£129,164.71

3-year PhD Studentships (continued)

FS/PhD/24/29533	Ms F Sumi	University of East Anglia	Neurovascular transmission in carotid arteries 36 months	£126,294.65
FS/PhD/25/29602	Miss A Kelly	University of Edinburgh	Development of multiplexed, proangiogenic microRNA gene therapy for therapeutic angiogenesis in ischaemic injury 36 months	£130,076.90
FS/PhD/NC3Rs/25/29911	Student to be confirmed (Supervisor: Dr M MacAskill)	University of Edinburgh	Joint NC3Rs/BHF PhD Studentship: Development of a minimally-invasive ultrasound guided rat myocardial infarction model to replace the gold standard invasive thoracotomy approach 36 months	£100,000.00
FS/PhD/24/29416	Ms A Morris	University of Leeds	Role of N- and C-terminal fibrinogen β -chain residues in fibrin catch-slip bond behaviour: relevance for clot mechanical properties and thromboembolism 36 months	£132,605.90
FS/PhD/24/29579	Mr S Bartley	University of Liverpool	Exploring the therapeutic potential of calmodulin in the context of inherited cardiac arrhythmia 36 months	£128,187.86
FS/PhD/25/29655	Miss A Arshad	University of Manchester	High resolution innovative 3D anatomical reconstruction, with aid of AI, virtual and mixed reality, and computational modelling, of healthy young, heart failure and/or aged hearts: the story of mice and humans 36 months	£123,340.74
FS/PhD/24/29571	Mr J Joyce	University of Nottingham	Systems biology to define role of snoRNAs in cardiovascular health and disease 36 months	£137,977.29
FS/PhD/25/29632	Mrs Z Bidel	University of Oxford	Risk-based blood pressure lowering treatment decision for prevention of cardiovascular disease: a comprehensive analysis of benefits, harms, and cost-effectiveness 36 months	£107,093.90
FS/PhD/24/29259	Student to be confirmed (Supervisor: Dr A Watkins)	University of Sheffield	Defining the mechanisms through which paternal obesity programmes offspring cardio-metabolic ill-health and maternal well-being in pregnancy 36 months	£127,585.90
FS/PhD/24/29520	Ms M Trowbridge	University of Surrey	Defining the role of myofibroblast-cardiomyocyte interactions in atrial remodelling and arrhythmogenesis using engineered human atrial microtissue 36 months	£126,735.90

CLINICAL FELLOWSHIPS

Senior Clinical Research Fellowships

Reference number	Name	Institution	Grant title	Total
FS/SCRF/24/32035	Dr D Owen	Imperial College London	Endothelial cell 18kDa translocator protein as a target to improve vascular function in Alzheimer's disease 60 months	£1,293,922.13
FS/SCRF/24/32029	Dr C Christodoulides	University of Oxford	Deciphering the role of ALK7 in the regulation of fat distribution and cardiometabolic disease risk 60 months	£1,264,478.21
FS/SCRF/24/32034	Prof A Swift	University of Sheffield	Developing an AI-powered system for enhanced pulmonary hypertension imaging assessments 60 months	£1,443,365.44

Intermediate Clinical Research Fellowships

Reference number	Name	Institution	Grant title	Total
FS/ICRF/24/26131	Dr B Halliday	Imperial College London	Characterising the energetic phenotype of titin dilated cardiomyopathy – an essential step towards precision therapy 48 months	£982,664.88
FS/ICRF/24/26094	Dr M Shun-Shin	Imperial College London	BHF Rosetrees Fellowship: Using AI for qualitative echocardiography judgements 60 months	£805,943.92
FS/ICRF/24/26106	Dr A Bhuvu	University College London	Using electronic health records and continuous intra-cardiac electrogram monitoring to understand cardiovascular outcomes in patients with pacemakers and defibrillators 60 months	£951,317.13
FS/ICRF/25/26121	Dr G Norrish	University College London	Personalised care for young people with dilated cardiomyopathy 60 months	£1,180,526.63
FS/ICRF/24/26114	Dr T Zhao	University of Cambridge	Therapeutic modulation of the adaptive immune response in atherosclerotic cardiovascular disease: bridging clinical translation 60 months	£1,144,799.00
FS/ICRF/25/26119	Dr I MacCormick	University of Edinburgh	Retinal prognostic and surrogate markers of cerebrovascular dysfunction in cerebral small vessel disease 60 months	£1,275,245.06
FS/ICRF/24/26107	Dr D Hutchings	University of Manchester	Why is lamin cardiomyopathy a perfect storm for arrhythmias? A study of pro-arrhythmic Ca ²⁺ handling and its treatment with phosphodiesterase-5 inhibitors 60 months	£1,061,324.57
FS/ICRF/24/26111	Dr A Lewis	University of Oxford	Investigating non-myocyte regulation of mitochondrial function in failing hearts 60 months	£1,289,286.79

Consultant Research Award

Reference number	Name	Institution	Grant title	Total
FS/CRA/23/23054	Dr M Dani	Imperial College London	Transforming the care of people with syncope using machine learning 60 months	£327,842.32

Clinical Research Training Fellowships

Reference number	Name	Institution	Grant title	Total
FFS/CRTF/24/24624	Dr J Barker	Imperial College London	Beyond arrhythmias: interpretable artificial intelligence electrocardiogram analysis for human multimorbidity 24 months	£204,782.38
FS/CRTF/25/24737	Dr P Rajani	Imperial College London	Impact of reproductive risk factors on dilated and arrhythmogenic cardiomyopathy phenotype and outcomes 36 months	£416,735.04
FS/CRTF/24/24658	Dr B Al-Khayatt	King's College London	Elucidating the pathophysiological link between coronary microvascular dysfunction and heart failure with preserved ejection fraction 36 months	£374,566.35
FS/CRTF/24/24686	Dr A Shamsi	King's College London	The role of clonal haematopoiesis in cardiovascular complications of autoimmune disease 36 months	£334,337.78

Clinical Research Training Fellowships (continued)

FS/CRTF/24/24599	Dr C Bruce	University College London	Salt sensitivity of blood pressure in coarctation of the aorta 36 months	£376,576.50
FS/CRTF/24/24710	Dr R Hampal	University College London	Mechanistic insights into the potential reversal of hypertrophic cardiomyopathy 36 months	£340,128.44
FS/CRTF/24/24669	Dr J Wilson	University College London	Understanding the mechanistic relationship between cancer and cardiac cachexia – a TRACERx EVO Substudy 36 months	£314,705.37
FS/CRTF/24/24605	Dr J O'Brien	University of Cambridge	Examining the B cell receptor repertoire in patients after acute myocardial infarction and treatment with low-dose interleukin-2 24 months	£216,377.14
FS/CRTF/24/24668	Dr C Grafton-Clarke	University of East Anglia	Advanced pulmonary flow haemodynamic biomarkers in pulmonary hypertension 36 months	£284,158.00
FS/CRTF/25/24719	Dr L Clark	University of Edinburgh	Vein graft failure and cardiovascular consequences of coronary artery bypass graft surgery 21 months	£292,949.79
FS/CRTF/25/24735	Dr F Thurston	University of Edinburgh	Prospective evaluation of a new clinical classification of myocardial infarction 26 months	£287,472.02
FS/CRTF/24/24703	Dr G Layton	University of Leicester	Towards the understanding of vein graft disease in women 24 months	£196,050.86
FS/CRTF/24/24601	Dr N Black	University of Manchester	Is myocardial fibrosis a key mechanism and prognostic indicator in early heart failure? 24 months	£190,643.00
FS/CRTF/24/24704	Dr K Chan	University of Oxford	Development of an artificial intelligence model to quantify plaque vulnerability and predict plaque events using routine computed tomography angiography 36 months	£345,353.17

MBPhD Studentships

Reference number	Name	Institution	Grant title	Total
FS/MBPhD/24/28032	Mr B Zeidaabadi Nezhad	Imperial College London	Exploring image-driven approaches for Artificial Intelligence-enabled Electro Cardio Grams (AI-ECG) for mortality and time-to-event predictions 36 months	£104,050.93
FS/MBPhD/24/28035	Mr M Sun	University College London	Using a novel direct activator of PI3-kinase alpha to investigate cardioprotection 36 months	£154,697.37

Research Training Fellowships (for Nurses and Allied Health Professionals)

Reference number	Name	Institution	Grant title	Total
FS/RTF/24/30083	Mr M Mills	City St George's, University of London	Magnetic resonance imaging of primary lymphoedema: a tool for diagnosis and evaluating treatment 36 months	£292,415.96
FS/RTF/24/30084	Mrs L Keehn	King's College London	Arterial stiffening and hypertension in children and young adults 45 months	£331,939.75

Strategic Initiatives

Listed alphabetically by institution

Reference number	Name	Institution	Grant title	Total
SI/F/24/21170018		Academy of Medical Sciences	Academy of Medical Sciences Mentoring Programme 36 months	£60,804.00
SI/F/25/21170019		British Cardiovascular Society	Support for the 2025 British Cardiovascular Society Conference	£105,812.02
SI/F/25/21170020		British Society for Cardiovascular Research	Support for the BAS/BSCR basic science track of the 2025 British Cardiovascular Society Conference	£30,020.00
SI/F/24/21170016	Prof Dr M Giacca	King's College London	Joint funding with the MRC for a Centre for Advanced Therapies for Cardiac Repair and Regeneration (RECREATE) 84 months	£12,000,000.00
SI/F/25/21170021		The Welsh Government	The National Cardiovascular Research Network. (Joint funding with the Welsh Government) 60 months	£952,020.00

Infrastructure Grant

Reference number	Name	Institution	Grant title	Total
IG/F/24/50014	Prof M Mayr	Imperial College London	NHLI Cardiovascular Proteomics Facility 12 months	£997,358.32

Special Project Grants

Listed alphabetically by institution

Reference number	Name	Institution	Grant title	Total
SP/F/24/150081	Dr J Adrover	The Francis Crick Institute	BHF-Crick Early Career Group Leader Programme: Tumour-host reprogramming of the innate immune compartment. (Joint funding with CRICK) 144 months	£2,508,765.00
SP/F/24/150075	Prof V Tybulewicz	The Francis Crick Institute	Identification of the genes causing cardiac defects in Down syndrome 36 months	£657,300.46
SP/F/25/150084	Dr R Southworth	King's College London	Non-invasive molecular imaging of mitochondrial function for cardiology and beyond 36 months	£851,139.75
SP/F/24/150069	Prof J Wray	University College London	Cognitive, academic and psychosocial outcomes in children aged 9-10 years after surgery for complex congenital heart disease in infancy 30 months	£538,785.97
SP/F/24/150080	Prof D Dawson	University of Aberdeen	Rebalancing the fat content of the heart and muscles in type 2 diabetes 36 months	£570,102.89

Special Project Grants (continued)

SP/F/24/150065	Dr J Taylor	University of Glasgow	Development and application of advanced high-resolution 3D cellular and subcellular time-course imaging in the beating heart 36 months	£451,447.59
SP/F/24/150073	Dr D Adlam	University of Leicester	Spontaneous coronary artery dissection: investigating the role of female sex hormones in disease pathophysiology 48 months	£633,670.05
SP/F/24/150066	Dr C Miller	University of Manchester	UK HFpEF: a national resource to accelerate therapeutic innovation in HFpEF 60 months	£2,751,844.66
SP/F/24/150074	Prof P Swietach	University of Oxford	Repurposing treatments for the rare disease propionic acidaemia to reverse disease-driving epigenetic changes in type-2 diabetic hearts arising from disturbed propionyl-CoA metabolism 36 months	£334,234.00

Programme Grants

Listed alphabetically by institution

Reference number	Name	Institution	Grant title	Total
RG/F/24/110138	Prof D O'Regan	Imperial College London	Discovery of disease mechanisms and therapies through imaging AI 60 months	£1,219,736.77
RG/F/24/110150	Prof Dr M Giacca	King's College London	Development of injectable mRNA therapies for cardioprotection 60 months	£1,503,419.66
RG/F/24/110126	Prof B Modarai	King's College London	The pro-angio/arteriogenic monocyte: a key prognostic indicator and therapeutic target in patients with limb ischaemia 60 months	£1,095,022.89
RG/F/25/110155	Prof S Davidson	University College London	A programme of research designed to investigate PI3 kinase isoforms in acute cardioprotection and neuroprotection 60 months	£925,428.01
RG/F/24/110146	Prof A Gourine	University College London	Understanding adaptive plasticity in the central nervous control of the heart and circulation 60 months	£1,188,044.80
RG/F/25/110149	Prof A H Baker	University of Edinburgh	Next-generation vascular smooth muscle cell-selective vectors for gene therapy 60 months	£1,194,935.42
RG/F/24/110140	Prof W Fuller	University of Glasgow	Regulation of Ca _v 1.2 in cardiac health and disease 60 months	£1,214,088.28
RG/F/24/110147	Prof J Gibbins	University of Reading	Platelet phenomic analysis to guide patient stratification and anti-platelet medication in acute coronary syndrome 60 months	£1,451,150.40

International Awards

Listed alphabetically by institution

Reference number	Name	Institution	Grant title	Total
IA/F/24/275114	Dr A D'Souza	Imperial College London	Normalising Ventricular Conduction in Heart Failure by Gene Therapies (CONDUCTION-GTx). (Joint funding with the German Centre for Cardiovascular Research, the Dutch Heart Foundation and the Lefoulon-Delalande Foundation) 36 months	£445,151.00
IA/F/24/275141	Dr L Venetucci	University of Manchester	CRISTI: From CPVT patient Risk Stratification to new Therapeutic Interventions. (Joint funding with the Dutch Heart Foundation and the Lefoulon-Delalande Foundation) 48 months	£464,394.25

Clinical Study Grants

Listed alphabetically by institution

Reference number	Name	Institution	Grant title	Total
CS/F/24/190065	Prof M J Macleod	University of Aberdeen	StAtins for Venous Event Reduction in patients with venous thromboembolism: the SAVER trial 66 months	£243,396.48
CS/F/24/190073	Dr G Mair	University of Edinburgh	Imaging substudy of the Antiplatelet Secondary Prevention International Randomised trial after INtracerebral haemorrhage (ASPIRING): exploring determinants of safety of antiplatelet therapy after stroke due to intracerebral haemorrhage, and efficient methods of imaging data assessment 54 months	£278,495.21
CS/F/24/190076	Dr D Adlam	University of Leicester	The AntiPlatelet Therapy in Spontaneous Coronary Artery Dissection Trial (APT-SCAD Trial) 90 months	£1,024,083.56

Translational Awards

Listed alphabetically by institution

Reference number	Name	Institution	Grant title	Total
ITA/F/24/210052	Dr C Watson	Queen's University Belfast	From oncology to cardiology: drug repurposing of an epigenetic modifying therapy for hypertrophic cardiomyopathy 21 months	£464,764.61
TA/F/24/210055	Prof A Markaki	University of Cambridge	Ovine model study of densified collagen conduit as an arteriovenous graft 36 months	£740,700.79
TA/F/25/210057	Dr C Wilson	University of Cambridge	Prototype testing of a transient mRNA cardiac regenerative therapeutic 30 months	£674,465.87

Project Grants

Listed alphabetically by institution

Reference number	Name	Institution	Grant title	Total
PG/25/12329	Prof I Greenwood	City St George's, University of London	Investigating G protein β regulation of cardiac Kv7 channels 36 months	£221,524.44
PG/24/11757	Prof A Hainsworth	City St George's, University of London	A large animal model of endothelin-dependent microvascular disease, iET1 pigs 24 months	£281,819.33
PG/25/12263	Dr I Salles-Crawley	City St George's, University of London	Targeting VWF-platelet priming and immunothrombosis for the prevention of venous thrombosis 36 months	£293,272.89
PG/24/11640	Prof J Boyle	Imperial College London	Carbon monoxide-releasing molecules (CORMs) and heme oxygenase 1-activated CORMs (H-CORMs) in macrophage-mediated plaque healing 18 months	£291,712.71
PG/25/12197	Dr A D'Souza	Imperial College London	Glucocorticoid control of the circadian rhythm in cardiac ion channels and ventricular arrhythmia susceptibility in heart failure 36 months	£340,945.13
PG/24/11924	Prof C Emanuelli	Imperial College London	Development of endothelial cell-targeted therapeutic exosomes by genome editing of their parental stem cells 36 months	£347,826.51
PG/NC3Rs/25/400002	Prof M Mayr	Imperial College London	Joint NC3Rs/BHF Partnership and Impact Award: Accelerate adoption of engineered vascular tissues with induced pluripotent stem cell derived smooth muscle cells 24 months	£199,944.00
PG/24/11831	Dr A Bonthron	King's College London	Ultra-high field characterisation of altered functional and metabolic brain development in neonates with congenital heart disease 16 months	£141,568.34
PG/24/12045	Dr G Forte	King's College London	Investigating the role of YAP in protecting ventricular cardiomyocyte nuclear integrity against mechanical stress 36 months	£281,486.07
PG/24/11441	Prof L Gnudi	King's College London	Nogo-B in the aldosterone sensitive distal nephron: novel role on Na^+ /water balance and blood pressure regulation 36 months	£303,933.90
PG/24/11954	Dr A Patel	King's College London	Manipulation of the endogenous monocyte/macrophage niche using mesenchymal stem cell-derived extracellular vesicles to revascularise the ischaemic leg 36 months	£308,486.18
PG/24/12034	Dr A Phinikaridou	King's College London	Molecular MRI signatures of fibrosis to detect heart failure and response to treatment 29 months	£349,922.69
PG/24/11937	Dr O Rudyk	King's College London	Deciphering mechanisms of CDK19-induced transcriptional reprogramming in pulmonary hypertension 36 months	£308,062.60
PG/25/12222	Prof C Shanahan	King's College London	Unravelling the impact of the ageing extracellular matrix microenvironment on vascular smooth muscle cell pathological change 36 months	£325,294.58
PG/24/12068	Dr L Zeng	King's College London	Investigation on the protective mechanism and therapeutic potential of the histone deacetylase-derived 7-amino acid peptide against cardiac fibrosis 36 months	£307,601.22

Project Grants (continued)

PG/NC3Rs/25/400001	Dr S Jones	Manchester Metropolitan University	Joint NC3Rs/BHF Partnership and Impact Award: Modification and validation of a human endothelialised <i>in vitro</i> thrombosis model to promote end-user uptake 12 months	£145,704.80
PG/24/12112	Dr S Bamforth	Newcastle University	Is aberrant arch artery development in Pax9-deficient mice a form of ribosomopathy? 36 months	£313,049.94
PG/25/12266	Prof G Richardson	Newcastle University	CARDIAC-MAP: cardiac mapping of ageing pathology 36 months	£345,634.00
PG/25/12210	Prof P Eaton	Queen Mary University of London	KCTD12 redox state as a determinant and therapeutic target in pulmonary remodelling 36 months	£318,075.20
PG/25/12319	Dr D Villar Lozano	Queen Mary University of London	The impact of early epigenomic events on the hypertrophic phenotype 36 months	£312,322.86
PG/24/12200	Prof D Grieve	Queen's University Belfast	Impact of microvascular endothelial signalling on remodelling progression in experimental and clinical heart failure with preserved ejection fraction 18 months	£167,291.00
PG/24/11961	Dr A Margariti	Queen's University Belfast	Targeting the QKI-7 restores vasculopathy in blood vessels in diabetes 30 months	£264,240.00
PG/24/12031	Dr D M McDonald	Queen's University Belfast	Harnessing the NO-USP-NOTCH interactome to modulate vascular function 36 months	£246,297.00
PG/25/12304	Dr C Watson	Queen's University Belfast	Validation and delineation of the mechanistic basis of a novel genetic risk factor for heart failure 36 months	£343,119.00
PG/24/12159	Prof S Davidson	University College London	Is direct molecular activation of PI3Ka a means to protect the brain against ischaemic stroke? 36 months	£340,899.68
PG/24/12021	Prof P Lambiase	University College London	Development of a dorsal root ganglion stimulation platform for cardiovascular disorders (DRAGON CV) 18 months	£173,973.08
PG/24/11864	Dr S Nizari	University College London	Understanding the role of GLP-1 signalling on cerebral blood vessels: implications for vascular contributions to cognitive impairment and dementia (VCID) 36 months	£272,388.00
PG/24/11922	Prof D Yellon	University College London	Investigating the cardioprotective effects of targeting mitochondrial dynamics in chronic kidney disease 36 months	£348,230.55
PG/24/11945	Prof N Mutch	University of Aberdeen	S100A8/A9 as a novel regulator of fibrinolysis in thromboinflammation 36 months	£289,206.03
PG/24/12157	Dr A Holmes	University of Birmingham	Identifying a new role for the carotid body in mediating cardiovascular responses to heat stress 24 months	£183,216.24
PG/24/11972	Prof N Morgan	University of Birmingham	Determining the roles of SLFN14 in platelet biogenesis, haemostasis and thrombosis 36 months	£281,921.32
PG/24/12002	Dr D Pavlovic	University of Birmingham	Investigating the pathogenesis of early chronic kidney disease associated cardiomyopathy and novel treatments 36 months	£297,813.70
PG/24/12091	Prof J Hancox	University of Bristol	Pharmacological inhibition of the hERG potassium channel: has phenanthrene revealed a novel drug binding mode? 36 months	£270,135.00

Project Grants (continued)

PG/24/11849	Dr S Harmer	University of Bristol	Preventing arrhythmias through control of hERG channel trafficking: does short QT syndrome provide the solution? 36 months	£265,028.39
PG/25/12229	Dr D Iacobazzi	University of Bristol	Development of a novel advanced tissue engineered stem cell-laden valved conduit for correction of paediatric tetralogy of Fallot/pulmonary atresia 24 months	£328,737.36
PG/25/12225	Prof S Mundell	University of Bristol	Increased expression and constitutive activity of the platelet P2Y12 receptor: a risk factor and indicator of acute coronary syndromes? 36 months	£292,259.84
PG/24/12155	Prof R Richardson	University of Bristol	Investigating a pro-regenerative cargo profile for zebrafish cardiovascular extracellular vesicles 36 months	£312,818.75
PG/25/12224	Prof S Satchell	University of Bristol	MMP inhibition to protect the endothelial glycocalyx in diabetic cardiomyopathy 30 months	£245,100.77
PG/24/11997	Prof M Clarke	University of Cambridge	IL-1 regulation in polarised macrophage by IGF1, TBK1, and HECT E3 ligases: do these modulate IL-1 to drive cardiovascular disease? 36 months	£267,353.00
PG/24/12121	Dr A Jackson	University of Cambridge	Molecular pharmacology of beta blockers: therapeutic actions on the cardiac sodium channel Nav1.5? 30 months	£318,064.00
PG/24/12173	Prof S Sinha	University of Cambridge	Prediction of clinical disease severity and therapeutic response in Marfan syndrome using patient-derived induced pluripotent stem cells 36 months	£342,511.00
PG/24/12041	Dr A Caporali	University of Edinburgh	Accumulation of protein and amyloid aggregates impairs endothelial cell function and post-ischaemic vascularisation 36 months	£289,718.02
PG/24/12136	Dr D Doudesis	University of Edinburgh	Artificial intelligence to improve the diagnosis of acute cardiovascular conditions 36 months	£343,663.15
PG/24/12097	Miss R Forsythe	University of Edinburgh	Peripheral and systemic atherosclerotic plaque activity in patients with peripheral artery disease 36 months	£349,800.01
PG/24/11921	Prof N Mills	University of Edinburgh	Mechanisms of myocardial injury and ischaemia in rapid atrial fibrillation (Mi-AF): a cohort study 33 months	£349,315.18
PG/24/11930	Prof D Newby	University of Edinburgh	Finding a treatment for Takotsubo cardiomyopathy 36 months	£347,793.90
PG/24/12108	Dr J Qiu	University of Edinburgh	Targeting Nrf2 in brain endothelial cells as a novel therapeutic strategy against vascular dementia 36 months	£297,548.91
PG/24/11898	Dr A Tavares	University of Edinburgh	Myocardial fibrosis and left ventricular remodelling in cardiovascular disease 36 months	£348,935.31
PG/24/11946	Prof P Maffia	University of Glasgow	Correlating systemic immunophenotyping to imaging characterisation of inflammatory atheroma in patients receiving immunotherapy and angiogenesis inhibitors 12 months	£136,146.00
PG/24/12123	Prof C Gale	University of Leeds	Data, biomarker and image phenotyping of individuals at higher FIND-AF risk to establish feasibility of a randomised clinical trial of early diagnosis and treatment of cardio-renal-metabolic diseases 20 months	£189,275.12
PG/25/12191	Dr M Harrison	University of Leeds	Molecular basis for oxidised low density lipoprotein interaction with the scavenger receptor LOX-1 36 months	£335,819.63

Project Grants (continued)

PG/25/12256	Dr F Macrae	University of Leeds	Intravascular fibrin films: elucidating mechanisms of formation and roles in thrombosis development 36 months	£272,306.82
PG/24/11971	Prof L Roberts	University of Leeds	Brown adipose tissue metabokines as therapeutics for cardiac dysfunction in heart failure 36 months	£331,857.07
PG/24/12118	Prof J E Schneider	University of Leeds	Real-time motion-compensated cardiac diffusion weighted MR imaging (cDWI) for clinical applications 36 months	£274,282.70
PG/24/12177	Prof L Ng	University of Leicester	Testing a novel proteomic panel for exclusion of coronary artery disease: internal and external clinical validation with a high throughput multiplexed targeted mass spectrometry assay 32 months	£237,182.31
PG/24/11830	Dr N Helassa	University of Liverpool	Calcium (re)cycling in calmodulin-associated long-QT syndrome 36 months	£253,058.26
PG/24/11796	Dr K Hentges	University of Manchester	Investigation of SLIT3 sequence variants as genetic contributors to congenital heart disease 36 months	£290,777.18
PG/25/12231	Dr S S Hosseini Alghaderi	University of Manchester	How does misregulation of Notch3 endocytic trafficking contribute to CADASIL? 36 months	£344,618.17
PG/24/12139	Prof B Keavney	University of Manchester	Genome-wide association study of congenital heart disease in a sub-Saharan African population 36 months	£325,595.87
PG/24/12025	Dr W Liu	University of Manchester	Ability of FGFR1/KLB to prevent cardiac microvascular impairment and pathological remodelling in response to metabolic stress 36 months	£272,334.80
PG/24/11902	Prof D Oceandy	University of Manchester	Stable recombinant IL-10 for the treatment of heart failure 36 months	£298,849.33
PG/25/12239	Dr H Pritchard	University of Manchester	Developing novel treatments to restore cerebral blood flow in hypertension-induced vascular dementia 36 months	£315,023.54
PG/24/12151	Prof J Emsley	University of Nottingham	Factor XII heavy chain fragment as a novel agent to treat thrombotic disease 24 months	£317,639.15
PG/24/11910	Prof S De Val	University of Oxford	Investigating co-factors that work alongside KLF2 and KLF4 to activate transcription 24 months	£202,430.68
PG/24/11878	Prof K Dora	University of Oxford	Endothelium-dependent actions of CGRP during ischaemic heart disease 36 months	£329,823.20
PG/25/12242	Prof P Leeson	University of Oxford	Long-term impact of tetrahydrobiopterin availability during preeclamptic pregnancies on offspring vascular and cardiac development 24 months	£242,932.69
PG/24/11862	Prof J Reader	University of Oxford	A novel player in protection from endothelial inflammation and atherosclerosis 36 months	£281,928.25
PG/24/11967	Dr E Sammons	University of Oxford	Longer-term follow-up of the ASCEND randomised trial of aspirin for the primary prevention of cancer and cardiovascular disease outcomes in adults with type 1 and type 2 diabetes 36 months	£167,422.66



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