

## Since 2012

Please note – list of studies refers to studies funded (irrespective of status, i.e. completed, ended early, etc). Amounts awarded rounded.

code		PI	£	title	institute
2012	H	Dr McKnight	£26,500	The impact of telomeres on cardiovascular risk in renal transplant recipients.	QUB
2012	C	Dr O'Neill	£79,650	The physical activity intervention versus pulmonary rehabilitation in COPD.	UU
2012	H	Dr Gallagher	£57,500	The accumulated brisk walking and cardiovascular risk in an 'at risk' population: investigation of novel effects on HDL functionality.	UU
2012	C	Prof Heaney	£109,000	The role of Suppressor of Cytokine Signalling (SOCS1) in refractory asthma.	QUB
2013_21	H	Prof Dolk	£303,500	NI Baby Hearts Study: A case-control study of risk and protective factors for congenital heart disease	UU
2013_SCD	H	Prof McKeown	£30,000	Inherited Cardiac Diseases and Young Sudden Cardiac Death: Development Of A Comprehensive NI Registry	QUB
2013_08	H	Prof Woodside	£64,800	The effect of increased fruit and veg. intake on epigenetic and transcriptomic endpoints: a pilot RCT	QUB
2013_18	S	Dr Harbinson	£26,000	The role of intermidin and related peptides as markers of stroke severity and inhibitors of reperfusion injury during stroke	QUB
2013_20	H	Dr McKinley	£79,800	Effect of vitamin D3 supplementation on insulin resistance and cardiovascular risk factors in at risk of cardiovascular disease and type 2 diabetes	QUB
2013_23	C	Dr Power	£19,000	Lamba interferon prophylaxis or therapy against respiratory syncytial virus (RSV).	QUB
2015_02	H	Prof Woodside	£80,000	Effect of a peer support intervention to encourage adoption and maintenance of a Mediterranean diet in established community groups: a cluster randomised trial	QUB
2015_04	H	Prof Cupples	£43,900	A shared decision tool ('SHARE-D') to help patients in primary care take their first steps in making lifestyle changes to reduce cardiovascular risk: feasibility study	QUB
2015_08	H	Prof Moore	£65,250	The eye as a window to the circulatory system: A feasibility study to evaluate a novel method of assessing microcirculatory function that may predict risk of Major Adverse Cardiac Events	UU
2015_11	C	Dr Schock	£77,500	Modulation of persistent inflammation in asthma by drug repositioning	QUB
2015_13	H	Dr McKenna	£58,800	Investigating microRNAs as serum markers of Blood Pressure	UU
2016_05	H	Prof Fitzsimons	£89,600	Development of a supportive intervention to meet the needs of carers of people with advanced HF	QUB
2016_03	C	Dr Schock	£56,000	Development of the GUT faecal microbiome in infants with chronic airway disease	QUB
2016_06	RF	Dr Simpson	£116,450	Using the Theory of Planned Behaviour to determine attitudes and knowledge of e-cigarette use in a sample of Northern Irish young people (11-16yrs) and their parents.	UU
2016_07	H	Dr Murdock	£60,600	EpiRiboSH: Epigenetic Effects of Riboflavin Supplementation in a Randomised Control Trial of Hypertensive patients stratified by MTHFR genotype	UU

2017_04	S	Prof Craig	£59,100	Using body tracking technology to develop novel movement based training for stroke patients.	QUB
2017_09	RF	Prof Kee	£50,000	Cessation in Pregnancy Incentives Trial (CPIT): A phase III Randomised Controlled Trial	QUB
2018_03	C	Dr Shyamsundar	£40,500	Pulmonary and systemic effects of hyperoxia – mechanistic study in a human in vivo model	QUB
2018_06	S	Dr Gavin	£147,000	A Comprehensive database for Stroke in N. Ireland	QUB
2018_07	C	Dr Downey	£60,900	Assessing Microbial, Inflammatory and Clinical Outcomes in Community Acquired Pneumonia.	QUB
2018_08	H	Prof Fitzsimons	£108,550	Exploratory study of the prevalence & experience of cardiac cachexia within a population of people with advanced heart failure Northern Ireland	QUB
2018_10	C	Prof Bradley	£72,150	BronchiEctasis (ACT-BE): A Northern Ireland pilot survey of patients and physiotherapists to establish current practice and plan future research	
2018_002	RF	Prof Murphy (PhD)	£114,900	Reducing sedentary behaviour and promoting physical activity in children aged 8-9 years: developing, feasibility and pilot testing a low-cost, multicomponent, school-based classroom intervention	Uu
2018_08	H	Prof Fitzsimons	£108,550	Exploratory study of the prevalence & experience of cardiac cachexia within a population of people with advanced heart failure Northern Ireland	QUB
2019_04	S	Prof Donnelly	£65,000	Development of an app version of the 'The Healthy Brain Rehabilitation Manual' – adapting home-based cardiac rehabilitation for use in the TIA and stroke population	QUB
2019_06	S	Prof Donnelly	£33,150	The SHARE-D tool for lifestyle change to help prevent heart disease and stroke: Refining content and delivery to maximise implementation	QUB
2019_07	C	Dr Dib	£58,450	Do histamine and neutrophil histamine four receptor play a role in the development of resistant neutrophilic asthma?	QUB
2019_08	H	Dr <u>Su</u>	£98,300	Therapeutic Effect of Fenugreek Seed in Hyperlipidemia and Cardiovascular Disease and the Establishment of Novel Therapeutic Biomarkers	QUB
2019_10	H	Dr Watson	£76,800	Ischaemic Heart Disease: developing new diagnostic and therapeutic approaches with CLEC3B	QUB
2019_11	S	Dr McCorry	£59,900	Improving psychological wellbeing using Acceptance and Commitment Therapy among stroke survivors with cognitive impairment (ImpACT Stroke): An intervention optimisation study	QUB
2019_16	H	Prof Moore	£250,000	Cardiovascular risk prediction via analysis of eye vasculature	UU
2020_H07	H	Dr Watson	£60,400	Investigating novel biomarkers of cardiac arrhythmia and associated risk of stroke and heart failure	QUB
2020_C03	C	Dr Kidney	£79,160	Inflammatory responses to Epstein Barr Virus (EBV) in Chronic Obstructive Pulmonary Disease (COPD).	BHSCT
2020_C05	C	Dr Sherrard	£79,500	Characterising biofilms in endotracheal tubes to direct a new strategy for preventing ventilator-associated pneumonia in critically ill adults	QUB
2020_S01	S	Dr Pedlow	£103,575	Prep Plus: Supporting upper limb practice to community dwelling stroke survivors	UU
2020_C01	C	Dr Busby	£70,500	Investigating the association between biologic use, medication adherence and comorbidities in severe asthma: an analysis of linked data	QUB
2021_S01	S	Dr McCorry	65,000	ImpACT Stroke II: pilot study of an e-health, carer supported intervention	QUB
2021_RF03	RF	Dr Carlin	102,203	feasibility testing Y-PATH in post-primary schools in NI	UU
2021_H09	H	Dr Lees-Murdock	62,400	Role of Riboflavin in Epigenetic Modulation of Hypertension	UU

2021_H04	H	Dr Mitchell	71,360	Optimising Quality of Life for People Living with Heart Failure in Care Homes: Co-Design Digital Intervention	QUB
2021_H03	H	Dr Waterfield	30,300	PIMS-TS: Cardiac features, clinical course and immune response of children in Northern Ireland.	QUB
2021_H07	H	Prof Fitzsimons	58,500	CABIN feasibility study to promote engagement with Cardiac Rehab through an early holistic intervention.	QUB
2021_H01	H	Dr McGuigan	71,900	Acute coronary syndrome and type 2 diabetes management: identifying an optimal shared pathway	QUB
2021_S02	S	Dr Heron	61,200	A digital lifestyle change intervention for use after transient ischemic attack (TIA) or minor stroke: Pilot RCT	QUB
2021_C02	C	Dr Kidney	98,690	Interfering with interferons in COPD	BHSCT
2022_H01	H	Dr Watson	£85,525	CLEC3B - a novel biomarker for heart failure: cohort evaluation and development of a point of care prototype	QUB
2022_C01	C	Dr Groves	£68,600	INHALER Cohort Study: <b>IN</b> vestigating <b>How</b> Asthma <b>Links</b> to <b>Early-life</b> Respiratory tract infections Cohort Study	QUB
2022_H03	H	Prof McKnight	£79,395	Developing a sustainable Northern Ireland register for inherited cardiac conditions with an epidemiological description of national population data	QUB
2022_C02	C	Dr Linden	£87,800	Adaptive immune responses and airway microbe-defences following EBV suppression as novel treatment for COPD	QUB
2022_H04	H	Julia Wolfe	£73,000	Out of Hospital Cardiac Arrest (OHCA) in Northern Ireland (NI): a five year review	NI Ambulance Service
2023_S03	S	Dr Kathy Ruddy	£153,454	Measuring the effectiveness of technology-guided mental imagery to improve arm and hand function following stroke	UU
2023_S01	S	Dr Katy Pedlow	£112,726	Co-design and evaluation of a physical activity maintenance intervention for people with stroke; A feasibility study	UU
2023_C03	C	Dr Bettina Schock	£89,755	Human Epididymis Protein 4: a Therapeutic Target in Pulmonary Fibrosis	QUB
2023_H07	H	Prof Frank Casey	£98,134	NI BabyHearts 2: Examining preconceptional and antenatal factors in relation to the developmental and educational outcomes of children with Congenital Heart Disease	UU