

Arterial Inflammation and Redox Biology

Prof Roland Stocker

Awarded the Basic Science Award by the Society for Free Radical Research Europe and delivered the keynote lecture on “Arterial redox signaling controlling blood pressure during inflammation”.

Awarded an HRI UK Grant for “Developing a novel molecular probe to identify high-risk AMI patients”.

Atherosclerosis and Vascular Remodelling

Dr Ashish Misra

Awarded a second Perpetual IMPACT grant for research understanding how the drug colchicine protects against atherosclerosis.

Awarded an HRI UK Grant for “Integrating transcriptomics with lineage tracing to identify novel candidates to stabilise atherosclerotic plaque”.

Cardiometabolic Disease

Associate Professor John O’Sullivan

Awarded a Level 2 National Heart Foundation Future Leader Fellowship.

Awarded a Heart Foundation Vanguard Grant for “Replenishing Nicotinamide Adenine Dinucleotide to Rescue Heart Failure with Preserved Ejection Fraction”.

Awarded an NSW Cardiovascular Research Capacity Program EMCR Grant for “Replenishing a Vital Molecule to Rescue Stiff Heart Failure”.

Awarded an HRI UK Grant for “Determining the interaction of ketone metabolism with mitochondrial respiration in heart failure with preserved ejection fraction and myocardial infarction”.

Cardiovascular Medical Devices

Dr Anna Waterhouse

Awarded an NSW Cardiovascular Research Capacity Program EMCR Grant for “Slippery Nano-coating to reduce medical device blood clots”.

Jasneil Singh

Awarded a CVI Bioengineering Catalyst Grant as CIA, with Dr Anna Waterhouse.

Cardiovascular Neuroscience

Dr Melissa Farnham

Awarded the COVID Carer's Scholarship – The Theresa Anderson Award, by Franklin Women.

Awarded a James N Kirby Foundation grant for “Sleep apnoea and the brain”.

Cardiovascular-protective Signalling and Drug Discovery

Dr Xuyu Liu

Awarded a USYD Drug Discovery Initiative and Cardiovascular Initiative Partnership Award for “PROTAC-based bioengineering platform for more efficacious antiplatelet drug discovery”.

Awarded an HRI NZ Grant for “Photo-responsive anticoagulants enable precise control of localised clot lysis therapy”.

Clinical Research

Professor David Celermajer

Awarded a Medical Research Future Fund for “New Frontiers in Personalised Prevention of Coronary Artery Disease”.

Awarded an HRI NZ Grant for “Congenital Heart Alliance of Australia and New Zealand (CHAANZ) Congenital Heart Disease Registry; Initiating the New Zealand CHD Registry”.

Associate Professor Rachael Cordina

Awarded an NSW Cardiovascular Research Capacity Program EMCR Grant for “Brain injury and dysfunction in young adults with complex congenital heart disease: Defining the natural history and potentially modifiable contributors”.

Coronary Diseases

Associate Professor Sanjay Patel

Awarded an NSW Health grant for “Colchicine nanotherapy – a novel targeted drug delivery system for atherosclerosis”.

Awarded a grant from the Australia-India Strategic Research Fund for “Aortic and lung Inflammation following COVID: a marker of cardiac events”.

Awarded an HRI UK Grant for “Integrating transcriptomics with lineage tracing to identify novel candidates to stabilise atherosclerotic plaque”.

Haematology Research

Dr Freda Passam

Awarded an HRI NZ Grant for “Defining the diabetic platelet proteome”.

Awarded a Medical Research Future Fund grant for research investigating COVID-19 vaccine-associated thrombosis.

Awarded a grant through The University of Sydney Nano Institute Grand Challenge for “Organ-on-chip for blood clot assessment”.

Heart Rhythm and Stroke Prevention

Professor Ben Freedman

Awarded a Medical Research Future Fund Grant for ~\$1.8M for “SAFER (AUS) Trial: screening for atrial fibrillation with ECG to reduce stroke”.

Awarded an NSW Cardiovascular Research Capacity Program Senior Researcher Grant for “Preventing disabling stroke from unknown and undertreated atrial fibrillation”.

Awarded an HRI UK Grant for “SAFER and SAFER-AUS: External stakeholder qualitative comparative analysis”.

Microvascular Research

Dr Christopher Stanley

Awarded an HRI UK Grant for “A ‘potential’ to fix peripheral arterial tone in sepsis”.

Awarded Best EMCR Presentation at the Woolcock Institute Think Tank.

Thrombosis

Professor Shaun Jackson

Awarded a Medical Research Future Fund ~\$2.7M for “Safety and Tolerability of AZD6482 in Reperfusion for Stroke (STARS)”.

Awarded a grant through the Targeted Translation Research Accelerator (TTRA) program to continue research investigating the potential use of bush tick saliva for developing anti blood-clotting drugs to treat stroke.

Dr Arnold (Lining) Ju

Awarded a Heart Foundation Future Leader Fellowship for “Platelet mechanobiology inspired anti-thrombotic strategies and point-of-care biomedical engineering”.

Named as one of MIT Technology Review’s 2021 Innovators Under 35 Asia Pacific.

Dr Jessica Maclean

Awarded a 2021 NSW Cardiovascular Research Network Professional Development Award.

Awarded a THANZ Scientific & Education Trust Grant for “Towards improved thrombolytic therapy for stroke: A role for GPVI?”.

Awarded a Kanematsu Research Award 2021 from the RCPA Foundation to advance new potential care for stroke sufferers.

Vascular Complications

Dr Mary Kavurma

Awarded an HRI UK Grant for “Novel mechanisms mediating SIPS in cardiovascular disease”.

Awarded a Wenkart Foundation grant for “Assessing whether plasma TRAIL levels are altered with exercise”.

Awarded an Australian Cardiovascular Alliance bioplatfroms grant to comprehend gene-to-gene, cell-to-cell, and gene-to-cell interactions in PAD pathophysiology using single cell RNA sequencing from patients and pre-clinical models.

Manisha Patil

Awarded Third Place in the Moderated Flash Talks at the Sydney Cardiovascular Symposium.