

## Heart Research Institute Select Prizes and Awards 2019



### **Dr Steven Wise – Applied Materials**

Awarded the National Health and Medical Research Council (NGMRC) Marshall and Warren Award which recognises the most innovative research project that could change the way an illness or disease is diagnosed, treated, or prevented.

### **Mr Bob Lee – Applied Materials**

Best Student Oral Presentation Award for his presentation on 'Fibrillin-1 Enhances Synthetic Vascular Graft Endothelialisation' at the ASMR NSW Annual Scientific Meeting.

### **Dr Richard Tan – Applied Materials**

Best Postdoctoral Poster Presentation Award for his presentation on 'Next Generation Encapsulation Devices for Beta-Cell Therapy in Type I Diabetes' at the ASMR NSW Annual Scientific Meeting.

### **Dr John O'Sullivan – Cardiometabolic Disease**

Sydney Local Health District EMCR Award at HRI's Illuminate 2019 for his research in heart failure, particularly Heart Failure preserved Ejection Fraction (HFpEF).

### **Mr Jun Ki Hong – Cardiovascular Medical Devices**

Student Award at HRI's Illuminate 2019 for his research in 'applications of nanotechnology for medical devices used in the treatment of cardiovascular diseases'.

### **Mr Callum Houlahan – Cardiovascular Neuroscience**

Best Poster Award at the Sydney New Horizon's Meeting.

### **Dr Xuyu Liu – Cardiovascular-protective Signalling and Drug Discovery**

Royal Society of Chemistry Poster Prize for Research Excellence.

### **Professor David Celermajer – Clinical Research**

Awarded the inaugural Ruthven Blackburn Medal for his distinguished lifetime contribution to Clinical Research.

### **Mr Alexander Dupuy – Haematology Research**

Student Award at HRI's Illuminate 2019 for his research in 'investigating the role of thiol enzymes in the regulation of Mac-1 dependent neutrophil function'.

### **Dr Jessica Orchard – Heart Rhythm and Stroke Prevention**

Rising Star Award at the Sydney Cardiovascular Symposium.

### **Dr Nicole Lowres – Heart Rhythm and Stroke Prevention**

CVRN Travel Fellowship to attend the European Society of Cardiology Congress 2019.

### **Ms Yunjia (Carmen) Zhang – Inflammation and Fibrosis Research**

Best Poster Award at the Annual Meeting of the Society for Free Radical Research (Australia & Japan) for her work 'Effects of selenium on atherosclerosis development'.

**Dr Lining (Arnold) Ju – *Thrombosis***

2019 Ministerial Award for Rising Stars in Cardiovascular Research for demonstrating excellence in research achievement and for the potential to become a future leader in his field.

Best Presentation Award for his work on platelet mechanobiology at the NIH Cardiovascular BioEngineering conference.

2019 Discovery Early Career Researcher Award (DECRA) for his work 'Mechanobiology: a new model of integrin activation by membrane tension'.

Heart Foundation Paul Korner Innovation Award, which is given to the most innovative successful Future Leader Fellowship and Postdoctoral Fellowship application each year.

Best Publication Award at HRI's Illuminate 2019 for his research 'Investigating the mechanosensory proteins in our cardiovascular system and how blood cells utilise them to sense haemodynamic blood flow'.

**Dr Jessica Maclean – *Thrombosis***

Best Oral Presentation for her presentation 'Investigation of Recanalization and Cerebral Perfusion with Adjunctive Thrombolytic Therapies in the iCAT Mouse Model of Ischemic Stroke' at the Joint AVBS/ANZMS/AAVBM Meeting.

**Dr Marc Ellis – *Thrombosis***

RCPA Kanematsu Research Award for his research into how platelets become activated by turbulent blood flow, and why this process is increased in diabetes.

**Dr Siân Cartland – *Vascular Complications***

CVI Catalyst Award for her research in 'Structure-based drug discovery for development of diagnostics and therapeutics targeting inflammation and cholesterol transport in atherosclerosis'.

**Ms Manisha Patil – *Vascular Complications***

Honours/Research Assistant Oral Presentation Award for her presentation 'Contribution of TRAIL signalling to endothelial cell and pericyte processes during angiogenesis' at the ASMR NSW Annual Scientific Meeting

Best Poster Award for 'Understanding the cell-specific contribution of TRAIL to angiogenesis' at the Joint AVBS/ANZMS/AAVBM Meeting.

People's Choice Award at the UTS New Horizon's Meeting for her work in 'Contribution of TRAIL signalling to endothelial cell and pericyte processes during angiogenesis'.

Best Student Poster Award at the Sydney Cardiovascular Symposium on 'Contribution of TRAIL signalling to endothelial cell and pericyte processes during angiogenesis'.

**Dr Renuka Shanmugalingam – *Vascular Immunology***

Andrew Phippard Memorial Award for best scientific research oral presentation for her talk titled 'Effect of aspirin on placental growth factor (PIGF) in pregnancy and the development of preeclampsia' at the 2019 Society for Obstetric Medicine of Australia and New Zealand.

Student Prize at the 15th Asian-Pacific Congress of Hypertension 2019 for her work 'Investigating the effects of aspirin on placental growth factor and the development of preeclampsia'.