



# Australian Cardiovascular Alliance Precision Medicine Flagship Symposium

Friday 8 December 2023

10:00 - 5:30pm AEDT

Innovation & Education Hub Lecture Theatre  
80 Commercial Road, Melbourne, VIC 3086



## PROGRAM

**09:30 – 10:00 Registration**

10:00 – 10:10 Welcome and Opening Remarks

Professor Jonathan Shaw, Deputy Director, Baker Heart and Diabetes Institute

**10:10 – 12:00 Session One: Capabilities and Opportunities**

Chair: Professor Alicia Jenkins and Dr Michael Huang

**KEYNOTE: Professor Stephen Nicholls, Victorian Heart Hospital**

The Victorian Heart Hospital: Vision of Precinct and Ecosystem

10:10 – 10:40

**Consumer talks: Ange Bishop, Community and Researcher Engagement (CaRE) program/Christine Rees, Heartbeat Victoria**

Community and Researcher Engagement: Opportunities and a Personal View

10:40 – 11:00

**Professor Peter Meikle, Baker Heart and Diabetes Institute**

Australian Cardiovascular Disease Data Commons

11:00 – 11:15

**Professor Christoph Hagemeyer, Monash University**

Molecular Imaging and Radio Diagnostics Capabilities of MBI and the New Cyclotron

11:15 – 11:30

**Professor Stuart Grieve, University of Sydney**

Towards Deep Coronary Artery Disease Phenotypes at scale using Imaging

11:30 – 11:45

**Associate Professor Chengxue Helena Qin**

Pro-resolving GPCR: Emerging Druggable Targets for Cardiovascular Medicine

11:45 – 12:00

**12:00 – 1:00 Lunch and Posters**

**13:00 – 14:30 Session Two: Industry Engagement**

Chair: Professor Peter Meikle and Dr Jingqin Wu

**KEYNOTE: Professor Gemma Figtree, University of Sydney**

CAD Frontiers and BioHEART

13:00 – 13:30

**David Chuter, Executive Director, Industry Growth, Commonwealth Department of Industry, Science and Resources**

Insights into the Department of Industry, Science and Resources' Initiatives and Opportunities for Engagement

13:30 – 13:45

**Patrick Hannebery, SiSu Health**

Progress and challenges on the path to scaling precision preventive health – SiSU Health's perspective

13:45 – 14:00

**Bruce Goodwin, Omico**

The Omico Story

14:00 – 14:15

**Ana Svensson, Novo Nordisk**

The Novo Nordisk Cardiovascular Pipeline

14:15 – 14:30

**14:30 – 15:00 Afternoon tea**

**15:00 – 16:30 Session Three: Current Progress in Precision Medicine**

**Chair: Professor Christoph Hagemeyer and Dr Katrina Colafella**

**Dr Tingting Wang, Baker Heart and Diabetes Institute**

A Lipidomic Based Metabolic Age Score for Assessing Metabolic Health and Monitoring Lifestyle Interventions

15:00 – 15:15

**Dr Chai Ng, Victor Chang Cardiac Research Institute**

Improving the Genetic Diagnosis for KCNH2-Related Long QT Syndrome

15:15 – 15:30

**Dr Yu Xu, University of Cambridge**

An Atlas of Genetic Scores to Predict Multi-Omic Traits in Blood

15:30 – 15:45

**Dr Arnaud Mazier, University of Sydney**

CTCA Informed CFD Simulation of Haemodynamics Risk for Improved Detection of High Risk Plaques - Results from the BioHEART Study

15:45 – 16:00

**Dr Jingqin Wu, Baker Heart and Diabetes Institute**

Application of a Combined Lipidomic and Polygenic Risk Score for Enhanced Intermediate Risk Stratification of Cardiovascular Disease in Primary Prevention

16:00 – 16:15

**Professor Clare Collins, University of Newcastle**

Using Polygenic Risk Evaluation to Personalise Precision Nutrition Interventions for Hypertension

16:15 – 16:30

Announcement of Poster/Talk Prizes

16:30 – 16:35

**16:35 – 16:40 Thank you and Closing Remarks: Peter Meikle**

**16:40 – 18:00 Mixer and Poster Session**