



The 4th International Clinical Cardiovascular Genetics Conference

The 4th International Clinical Cardiovascular Genetics (ICCG) conference was held in Brisbane on May 11-13, 2022. As the first face-to-face meeting for the majority of the attendees, it was as much a social event and “family reunion” as it was an outstanding scientific conference exploring the latest in cardiovascular genetic advances and how these amazing developments have led to improved patient care. Our two international guests, Dr Perry Elliott (UK) and Dr Bruce Gelb (USA), shared their knowledge in the fields of inherited cardiomyopathies and congenital heart diseases, and were accompanied by an exceptional national faculty of unmasked speakers, and a number of students presenting abstract talks and posters many for the first time at an international conference.

The conference really focused on “what’s new?” and made us all realise how rapidly the cardiovascular genetics field is moving. Most of the talks highlighted how our increasing genetic knowledge is impacting directly on the clinical care of patients and families, from more precise diagnoses, to guiding therapeutic decisions and informing prognosis. The importance of a multidisciplinary care was a theme during all the sessions, whether the topic was inherited arrhythmias, cardiomyopathies, congenital heart disease, aortopathies, or familial hypercholesterolaemia! The emergence of polygenic risk scores was highlighted in several talks as well as in the traditional Great Debate, while gene-based therapies and precision medicine were topics of discussion on the Conference Dinner dance floor! Thanks to all attendees, thanks to CSANZ for their support of this world-class meeting, and see you all in 2024!

Prof Chris Semsarian, Scientific Program Chair

ICCG 2022 Image Gallery

Best Oral Abstract at the ICCG 2022



Congratulations to Xiaodong Mo, Institute for Molecular Bioscience, QLD for his abstract 'Evaluating the clinical utility of polygenic risk score for heart failure'. Pictured above with the International Clinical Cardiovascular Genetics Conference Meeting Convenors, Prof Julie McGaughran and A/Prof John Atherton.

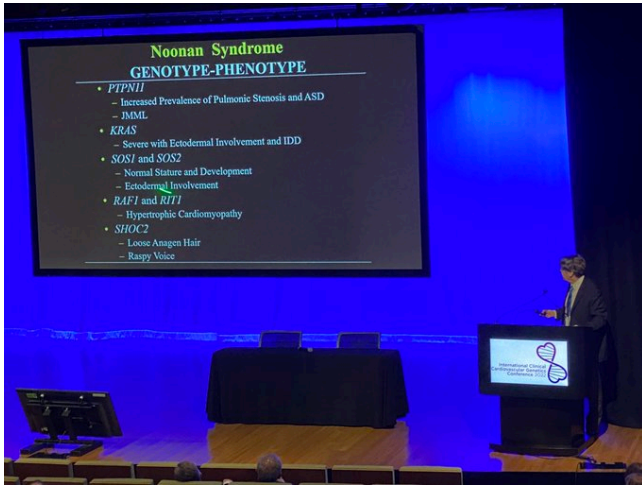
Highlights of the ICCG 2022



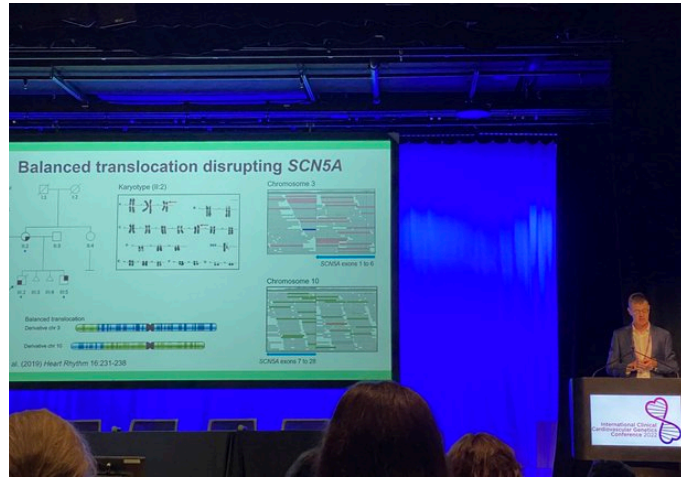
The Governor of Queensland, Her Excellency the Honourable Jeannette Young officially opened the ICCG 2022.



Prof Perry Elliott, Chair of Cardiovascular Medicine, University College London, presented personalised medicine in inherited cardiomyopathies.



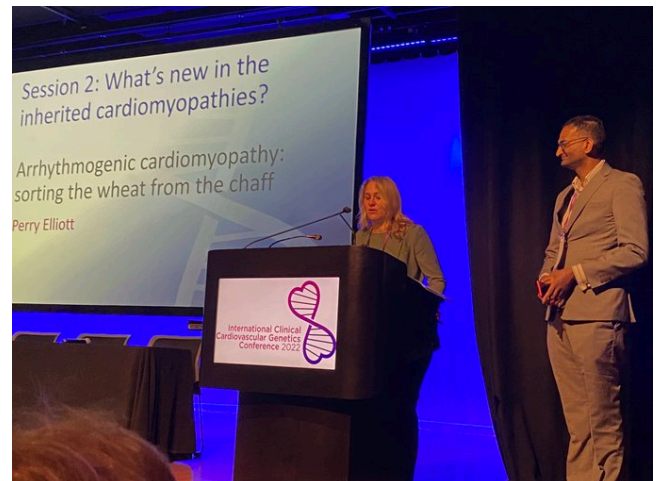
Dr Bruce Gelb, Director and Gogel Family Professor, Mindich Child Health and Development Institute, Icahn School of Medicine, Mount Sinai, presenting cardiac features in Noonan syndrome.



Dr Richard Bagnall, Centenary Institute; highlighting the role of genome sequencing in cardiology.



Nurses in Genomics presented by Tina Thompson from Royal Melbourne Hospital reminding us of the importance of the role of nurses in the cardiac genetics clinical process.



The chairs of the inherited cardiomyopathy session, Dr Nikki Bart and Dr Hari Raju presenting 'What's New in inherited cardiomyopathies?'

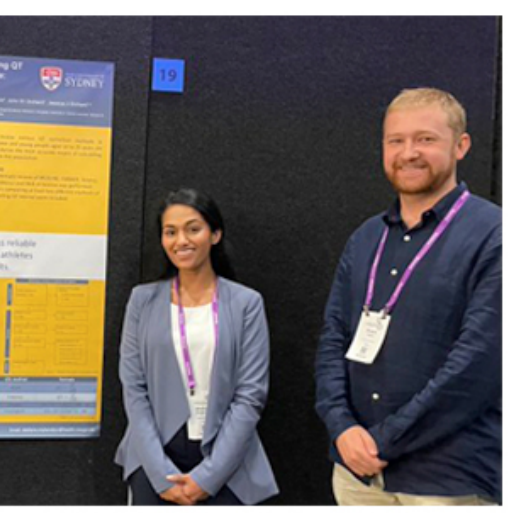
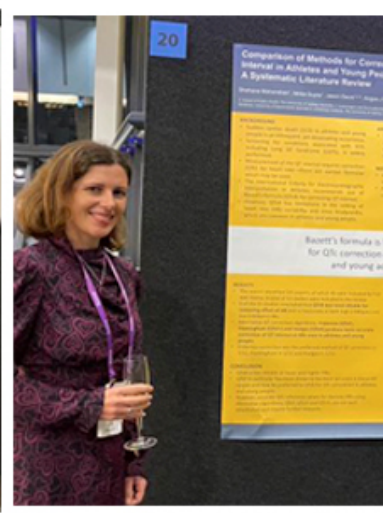
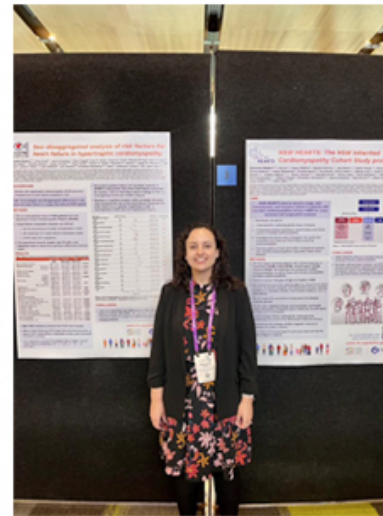
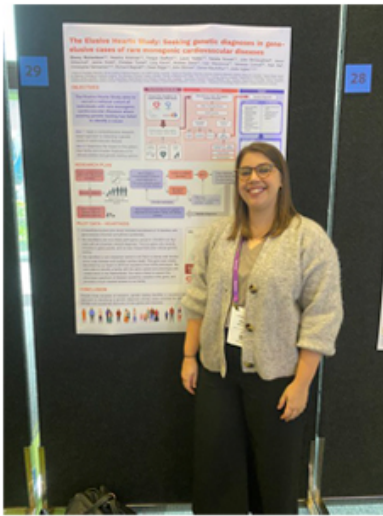


Brilliant talk on DCM by Dr Stacey Peters, including highlighting her recent SCN5A paper



PRS RCTs in Australia presented by A/Prof Paul Lacaze highlighting some of these including the Davinci study led by Prof Stephen Nicholls.

Poster highlights at the ICCG



Images courtesy of Prof Chris Semsarian, A/Prof Martin Stiles, A/Prof Jodie Ingles, Dr Jessica Orchard and others via Twitter feed #ICCG2022 / #ICCG22.