POSTER LISTING

Program as of 17/10/2024

	Clinical trials and blood pressure measurement
P100	**Dr Audrey Adji, St Vincent's Hospital; UNSW; VCCRI** *Association between arterial stiffness and cognitive decline in older individuals with mild cognitive impairment*
P101	**Dr Tan Bui, Menzies Institute for Medical Research, University of Tasmania** *Systematic review of the proportion of females and males recruited in blood pressure device validation studies and relationship with measurement accuracy*
P102	**Dr Tan Bui, Menzies Institute for Medical Research, University of Tasmania ECR poster finalist** *Properly validated wrist cuff devices provide accurate blood pressure measurements: A systematic review and meta-analysis*
P103	**Assoc Prof Jonathan Mynard, Murdoch Children's Research Institute** *Validation of the Uscom BP+ Automated Oscillometric blood pressure monitor for professional office use in children and adolescents according to the AAMI/ESH/ISO Universal Standard (ISO 81060-2:2018)*
P104	**Dr Dean Picone, University of Sydney** *Is there a difference in the accuracy of automated blood pressure devices designed for home or in-clinic use? A systematic review and meta-analysis of validation studies*
P105	**Prof James Sharman, Menzies Institute for Medical Research** *Strong support for automated office blood pressure in Australian general practice: Enablers and challenges to implementation*
P106	**Prof James Sharman, Menzies Institute for Medical Research** *Guideline-recommended office blood pressure measurement is not feasible in routine clinical practice: Time to align clinical guidelines with clinical reality*
P107	**Ms Mingjuan Zeng, School of Population Health, University of New South Wales; The George Institute for Global Health Student poster finalist** *Consumer perspectives on different blood pressure measurement methods in Australia*
	Comorbidities
P108	**Miss Yuvi Lutchman, University of New England** *Beyond the beats: Is central blood pressure variability associated with mental health?*
P109	**Miss Mariya Patel, Swinburne University of Technology** *Association between resting-state brain dynamics and cardiometabolic profile in healthy individuals with varying adiposity levels*
	Complications of Hypertension (stoke, kidney disease, heart failure, aortic aneurysm and others)
P110	**Dr Taku Furukawa, Florey Institute** *Validating the safety and reliability of recruiting renal functional reserve to predict the risk of acute kidney injury transitioning to chronic kidney disease in a sheep model of cardiopulmonary bypass*
P111	**Dr Lakshini Herat, UWA School of Biomedical Sciences - Dobney Hypertension Centre** *Dual Inhibition of SGLT1 and 2 promotes cardio-renal protection in mice with type 1 diabetes*
P112	**Dr Sapna Ramdin, Durban University of Technology, South Africa** *Arginine vasopressin-induced renal dysfunction in a rodent model of preeclampsia*
P113	**Assoc Prof Jun Yang, Hudson Institute of Medical Research** *Screening for primary aldosteronism is underutilised in patients with atrial fibrillation: A retrospective cohort study*
	Mechanisms of hypertension (physiological, RAAS, molecular, immune, molecular biology and others)
P114	**Dr Zoe McArdle, Monash University ECR poster finalist** *Temporal differences in pressure natriuresis resetting in female and male rats*
P115	**Mr Gianni Sesa-Ashton, Baker Heart and Diabetes Institute** *Increased serum short-chain fatty acid concentrations correlate with reduced sympathetic drive in resistant hypertension*
P116	**Dr Pratik Thakkar, University of Auckland, New Zealand ECR poster finalist** *GLP1 receptor agonist ameliorates high blood pressure and high blood sugar in a novel rat model of "glucotension"*

	New therapies (devices, pharmacological, non- pharmacological)
P117	**Mr Tsatsu Agbettor, Ashesi University, Ghana** *The application of artificial intelligence in hypertension prediction and risk assessment in low- and middle-income countries: A scoping review*
P118	**Assoc Prof Nalini Govender, Durban University of Technology, South Africa** *Does oral administration of Nicotinamide improve renal function in preeclamptic Sprague Dawley rats?*
P119	**Dr Connie Ow, The Florey Institute of Neuroscience and Mental Health** *The safety and efficacy of SGLT2 inhibitor and GLP-1 peptide hormone on renal tissue oxygenation and histopathology in ovine septic acute kidney injury*
P120	**Dr Connie Ow, The Florey Institute of Neuroscience and Mental Health** **ECR poster finalist** *The effects of tempol on renal medullary tissue hypoperfusion, hypoxia and acute kidney injury in established ovine Gram-negative sepsis*
P121	**Dr Rebecca Reddy, Durban University of Technology, South Africa** *Assessing the preclinical efficacy of dombeya rotundifolia in an arginine vasopressin rat model of pre-eclampsia*
P122	**Prof Markus Schlaich, Royal Perth Hospital, University of Western Australia** *Effect of the dual endothelin antagonist aprocitentan on albuminuria in patients with resistant hypertension*
P123	**Prof Markus Schlaich, Royal Perth Hospital, University of Western Australia** *Impact of arterial stiffness on the blood pressure lowering effect of the dual endothelin antagonist aprocitentan in patients with resistant hypertension*
	Other
P124	**Dr Taku Furukawa, Florey Institute** **Student poster finalist** *Effects of haemadsorption on cardiovascular function and clearance of antibiotics with the HA380 cartridge*
P125	**Ms Richa Jaswal & Ms Jessica Smith, The George Institute** *Join Us: Supporting recruitment to research studies*
P126	**Miss Rachel Peiris, The Florey Institute of Neuroscience and Mental Health** **Student poster finalist** *Splanchnic sympathetic nerve denervation improves bacterial clearance and clinical recovery in established ovine Gram-negative bacteremia*
P127	**Dr Suzanne Pears, Heart Research Institute** *Acute Blood Pressure Response to Antihypertensives During Anaesthesia in an Experimental Model of PreeclampsiaAcute Blood Pressure Response to Antihypertensives During Anaesthesia in an Experimental Model of Preeclampsia*
	Public Health and Epidemiology
P128	**Dr Nanthini Akkarapalayam Thirunavukkarasu, The Tamilnadu Dr.M.G.R. Medical University, India** *Hypertension screening an inexpensive technique still under used in rural population of Salem district, India - a cross-sectional study*
P129	**Dr Nanthini Akkarapalayam Thirunavukkarasu, The Tamilnadu Dr.M.G.R. Medical University, India** *Prevalence of hypertension and diabetes mellitus among the migrant workers in construction sites in Salem district,India 2024:A cross sectional study*
P130	**Dr Kezia Amarteyfio & Dr Nhyira Adjei-banuah, Ghana College of Physicians and Surgeons, Ghana** *"People say it kills…very fast…you get scared"- Experiences and perspectives of living with long-term chronic illness (hypertension) in a low middle-income country.*
P131	**Dr Yaxing Meng, Baker Heart and Diabetes Institute** *Tracking and transition probability of blood pressure from childhood to mid-adulthood*
P132	**Assoc Prof Chris Moran, Monash University** *Antihypertensive choice and cognition in older Australians*
P133	**Dr Issada Trakarnwijitr, Monash University** *Sex differences in the treatment and control of hypertension among older Australians*
	Pulmonary Hypertension
P134	**Dr Luke Fletcher, Austin Health** *Differences in direct fick and thermodilution measurements of cardiac output: Impact on pulmonary hypertension classification*
	Risk factors (diet, obesity, microbiome, exercise, genetics, cardiometabolic and others)
P135	**Dr Lauren Blekkenhorst, Edith Cowan University** *Cruciferous vegetable effects on blood pressure in middle-aged and older adults with mildly elevated blood pressure*
P136	**Prof Clare Collins, University of Newcastle** *Diet-metabolite relationships with blood pressure in response to healthy versus unhealthy diets*
P137	**Mr Nnamdi Eseme, Menzies Institute for Medical Research** *Investigating the relationship between health literacy and cardiovascular diseases among Australian Adults and their families*
P138	**Mr Chaoran Yang Yang, Monash University** **Student poster finalist** *Faecal metaproteomics analysis reveals a high cardiovascular risk profile across blood pressure, diet, human and microbial proteins*