

PROGRAM – DAY ONE

PLEASE NOTE: Program timings are in AEST. Program is subject to change. Program as of 22/11/2024

Wednesday 27 November 2024

08:00 am – 9:00 am	Hypertension Australia ECR Symposium Registration
08:30 am – 09:00 am	Arrival tea and coffee & Light Breakfast meet and greet
09:00 am – 11:00 am	Hypertension Australia ECR Symposium <i>Finding Your Research Niche</i>
10:00 am – 10:30 am	Morning Tea
11:00 am – 12:00 pm	HA board meeting - private meeting
12:00 pm – 06:30 pm	ASM Registration and information desk open
12:00 pm – 12:45 pm	Lunch and poster viewing
12:50 pm – 01:00 pm	ASM Welcome <i>Prof Markus Schlaich, Royal Perth Hospital & University of Western Australia</i>
01:00 pm – 01:30 pm	Plenary RD Wright Lecture Prof Paul Whelton, Tulane University <i>Prevention, Control, and Treatment of High Blood Pressure: The Way Forward</i> Session Chairs: Dr Rikeish R Muralitharan and A/Prof Jun Yang
01:30 pm – 01:50 pm	Plenary Prof Ross Tsuyuki, University of Alberta <i>The Canadian Way – Improving Population Hypertension Outcomes Through Pharmacists and New Guidelines</i> Session Chairs: Dr Rikeish R Muralitharan and A/Prof Jun Yang
01:50 pm – 02:50 pm	Pulse of Asia joint session with Hypertension Australia Session Chairs: Prof James Sharman, Menzies Institute for Medical Research, University of Tasmania and Prof Jeong Bae Park, Seoul, Republic of Korea
01:50 pm – 02:02 pm	Alberto Avolio, Macquarie University, Sydney <i>Role of pulse pressure and mean pressure in control of hypertension and tissue perfusion: interaction of pulsatile haemodynamics and autoregulation of blood flow (POA)</i>
02:02 pm – 02:14 pm	Jonathan Mynard, Murdoch Children’s Research Institute, Melbourne <i>Influence of large conduit arteries and peripheral vasculature in wave propagation: implications for isolated systolic hypertension (HA)</i>
02:14 pm – 02:26 pm	Junichiro Hashimoto, Tohoku University, Sendai, Japan <i>Hemodynamic Interaction between macro and microcirculation: relevance to hypertension and end-organ damage (POA)</i>

02:26 pm – 02:38 pm	Audrey Adji, Victor Chang Cardiac Research Institute, Sydney <i>Haemodynamics and cognitive impairment (HA)</i>
02:38 pm – 02:50 pm	Speaker Panel discussion and Q&A
02:50 pm – 03:05 pm	Afternoon tea and poster viewing
03:05 pm – 03:35 pm	ECR Poster finalists Session Chairs: Dr Rikeish R Muralitharan and Prof Alta Schutte Judges: Prof Alta Schutte, Prof Francine Marques, Prof Gavin Lambert, A/Prof Antony Vinh
03:05 pm – 03:10 pm	Dr Tan Bui, Menzies Institute for Medical Research, University of Tasmania <i>Properly validated wrist cuff devices provide accurate blood pressure measurements: A systematic review and meta-analysis</i>
03:13 pm – 03:18 pm	Dr Connie Ow, The Florey Institute of Neuroscience and Mental Health <i>The effects of tempol on renal medullary tissue hypoperfusion, hypoxia and acute kidney injury in established ovine Gram-negative sepsis</i>
03:21 pm – 03:26 pm	Dr Zoe McArdle, Monash University <i>Temporal differences in pressure natriuresis resetting in female and male rats</i>
03:29 pm – 03:34 pm	Dr Pratik Thakkar, University of Auckland <i>GLP1 receptor agonist ameliorates high blood pressure and high blood sugar in a novel rat model of “glucotension”</i>
03:35 pm – 04:05 pm	Debate: What is the best animal model of hypertension? Session Chairs: Dr Rikeish R Muralitharan and A/Prof Jun Yang
03:35 pm – 03:45 pm	Dr Katrina Colafella, Monash University <i>Pro angiotensin II model</i>
03:45 pm – 03:55 pm	A/Prof Antony Vinh, La Trobe University <i>Pro DOCA/salt model</i>
03:55 pm – 04:05 pm	10 min rebuttal
04:05 pm – 05:05 pm	Student Oral finalists Session Chairs: Dr Rikeish R Muralitharan and A/Prof Jun Yang Judges: Dr Quynh Nhu Dinh, Prof Alberto Avolio, Dr Lauren Blekkenhorst, Dr Ruslan Pustovit
04:05 pm – 04:20 pm	Joe Braun, Swinburne University <i>Neurogenically driven blood pressure increase is associated with reduced temporo-parietal power and connectivity in normotensive individuals</i>
04:20 pm – 04:35 pm	Georgio Salloum, UNSW <i>Elevated arterial stiffness becomes unmasked in low flow aortic stenosis patients following transcatheter aortic valve replacement</i>
04:35 pm – 04:50 pm	Chris Gianacas, UNSW <i>Antihypertensive prescribing in Australian primary care – how much is aligned with clinical guidelines?</i>
04:50 pm – 05:05 pm	Evany Dinakis, Monash University <i>pH-sensor GPR68 Plays a Role in the Cardioprotective Effects of a High Fibre Diet</i>
05:05 pm – 05:25 pm	Plenary Paul Korner Senior Scientist Award Lecture Prof Brian Morris, University of Sydney, Kuakini Medical Center (Honolulu) and University of Hawaii Session Chairs: Dr Rikeish R Muralitharan and A/Prof Jun Yang
05:30 pm – 06:30 pm	Annual General Meeting

PROGRAM – DAY TWO

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Thursday 28 November 2024

08:00 am – 7:30 pm	Registration and information desk open
08:20 am – 08:50 am	Arrival tea and coffee
08:50 am – 09:00 am	ASM Welcome day two <i>Prof Markus Schlaich, Royal Perth Hospital & University of Western Australia</i>
09:00 am – 09:30 am	Plenary Colin Johnston Lecture Prof Sophia Zoungas, Monash University Session Chairs: <i>Dr Bhavisha Bakrania</i> and <i>A/Prof Brad Broughton</i>
09:30 am – 10:30 am	Spotlight on discovery science Session Chairs: <i>Dr Bhavisha Bakrania</i> and <i>A/Prof Brad Broughton</i>
09:30 am – 09:50 am	A/Prof Tracey Gaspari, Monash University <i>Expanding our knowledge on the RAAS – Identification of IRAP as a novel target for treatment of cardiovascular disease</i>
09:50 am – 10:10 am	Dr Chengxue Helena Qin, Monash University <i>Innovative Mechanisms in Hypertension: Harnessing Inflammation Resolution Pathways</i>
10:10 am – 10:30 am	Dr Joanne O'Donnell, Monash University <i>Does the gut contribute to the activation of the immune system in hypertension?</i>
10:30 am – 11:00 am	Oral free session: New findings from surgical sheep models Session Chairs: <i>Dr Bhavisha Bakrania</i> and <i>A/Prof Brad Broughton</i>
10:30 am – 10:45 am	Dr Lindsea Booth, The Florey Institute of Neuroscience and Mental Health <i>Neuroinflammation in cardiopulmonary bypass</i>
10:45 am – 11:00 am	Dr Ruslan Pustovit, The Florey Institute of Neuroscience and Mental Health <i>Seizure-induced changes in cardiac and renal sympathetic nerve activity associated with hypertension, tachycardia and heart arrhythmias in non-anaesthetised sheep</i>
11:00 am – 11:30 am	Morning tea and poster viewing
11:30 am – 12:30 pm	ECR Oral finalists Session Chairs: <i>Dr Bhavisha Bakrania</i> and <i>A/Prof Brad Broughton</i> Judges: <i>A/Prof Martin Schultz</i> , <i>Dr Dean Picone</i> , <i>Dr Elisabeth Lambert</i> , <i>Dr Katrina Kissock</i>
11:30 am – 11:45 am	Dr Joanne O'Donnell, Monash University <i>Examining the immune system to determine how fibre lowers blood pressure</i>
11:45 am – 12:00 pm	Dr Hericka Figueiredo Galvao, La Trobe, University <i>Hypertension-associated B cell heterogeneity and immunoglobulin clonal diversity</i>

12:00 pm – 12:15 pm	Mr Gianni Sesa-Ashton, Baker Heart and Diabetes Institute <i>Long-term blood pressure and renal function changes after renal denervation: a multi-site safety study</i>
12:15 pm – 12:30 pm	Dr Alemayehu Jufar, The Florey Institute of Neuroscience and Mental Health <i>Effects of vasopressors for blood pressure management on the kidney microcirculation in a clinically relevant sheep model of cardiopulmonary bypass</i>
12:30 pm – 01:00 pm	Plenary 2023 BIHS Award Winner presentation Chutong Eunice Zhong, University College London (UCL) <i>Urine Luck: Pioneering Personalised Treatment Paths for Kidney Disease and Hypertension</i> Session Chairs: Prof Kate Denton and Dr Matthew Snelson
01:00 pm – 02:10 pm	Lunch and poster viewing
02:10 pm – 03:10 pm	Women in Hypertension: Beyond the Norm: Women who carved unconventional paths? Session Chair: Audrey Adji, Victor Chang Cardiac Research Institute, Sydney
02:10 pm – 02:30 pm	A/Prof Cheryl Carcel, The George Institute for Global Health <i>It is not always a straight line</i>
02:30 pm – 02:50 pm	Dr Inken Martin, Snow Fellowship Program <i>Hooked on Science: from Yeast Biochemistry, Medicine and Zebrafish Genetics to Philanthropy</i>
02:50 pm – 03:10 pm	Speaker Panel discussion and Q&A
03:10 pm – 03:30 pm	Afternoon tea and poster viewing
03:30 pm – 04:00 pm	Student Poster finalists Session Chairs: Prof Kate Denton and Dr Matthew Snelson Judges: Prof James Sharman, Dr Andrew Goodman, Dr Zoe McArdle, Dr Hericka Figueiredo Galvao
03:30 pm – 03:35 pm	Rachel Peiris, The Florey Institute of Neuroscience and Mental Health <i>Splanchnic sympathetic nerve denervation improves bacterial clearance and clinical recovery in established ovine Gram-negative bacteremia</i>
03:38 pm – 03:43 pm	Dr Taku Furukawa, The Florey Institute of Neuroscience and Mental Health <i>Effects of haemadsorption on cardiovascular function and clearance of antibiotics with the HA380 cartridge</i>
03:46 pm – 03:51 pm	Chaoran Yang, Monash University <i>Faecal metaproteomics analysis reveals a high cardiovascular risk profile across blood pressure, diet, human and microbial proteins</i>
03:54 pm – 03:59 pm	Ms Mingjuan Zeng, The George Institute for Global Health <i>Consumer perspectives on different blood pressure measurement methods in Australia</i>
04:00 pm – 05:00 pm	Oral free session: Complications of hypertension Session Chairs: Prof Kate Denton and Dr Matthew Snelson
04:00 pm – 04:15 pm	Dr Quynh Nhu Dinh, La Trobe University <i>Cognitive impairment develops in a rat model of polycystic kidney disease</i>
04:15 pm – 04:30 pm	A/Prof Antony Vinh, La Trobe University <i>Interleukin-18-deficiency abolishes abdominal aortic aneurysm formation</i>
04:30 pm – 04:45 pm	Dr Rikeish Muralitharan, Monash University <i>Short-chain fatty acid receptor signalling in immune cells contribute to the development of hypertension</i>
04:45 pm – 05:00 pm	Dr Adriana Knezic, Monash University <i>Targeting RXFP3 using Analogue 2 improves motor function in the photothrombotic stroke model</i>
05:00 pm – 05:03 pm	Baxter sponsorship address Wendy Porter, Senior Product Manager Session Chairs: Prof Kate Denton and Dr Matthew Snelson
05:30 pm – 07:30 pm	HBPRCA ASM Awards Reception <i>Prof Markus Schlaich, Royal Perth Hospital & University of Western Australia</i> Medtronic sponsorship address Dennis Wormuth, Senior Principal Clinical Marketing Manager Renal Denervation Asia Pacific

PROGRAM – DAY THREE

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Friday 29 November 2024

08:00 am – 3:30 pm	Registration and information desk open
08:20 am – 08:50 am	Arrival tea and coffee
08:50 am – 09:00 am	ASM Welcome day three <i>Prof Markus Schlaich, Royal Perth Hospital & University of Western Australia</i>
09:00 am – 09:30 am	Plenary Austin Doyle Lecture Prof Paul Glasziou, Bond University <i>Advances in hypertension management: a view from general practice</i> <i>Session Chairs: Dr Connie Ow and A/Prof Jonathan Mynard</i>
09:30 am – 10:30 am	Oral free session: Blood pressure management <i>Session Chairs: Dr Connie Ow and A/Prof Jonathan Mynard</i>
09:30 am – 09:45 am	Dr Katrina Kissock and Nadine Ghammachi, The George Institute for Global Health <i>Knowledge, attitudes, and behaviours related to reduced-sodium salt: a systematic review</i>
09:45 am – 10:00 am	Dr Sonali Gnanenthiran, The George Institute for Global Health <i>Short-term effects of blood pressure lowering drugs on cardiovascular events: a systematic review and meta-analysis of randomised, placebo-controlled, doubled-blind trials</i>
10:00 am – 10:15 am	Prof James Sharman, Menzies Institute for Medical Research, University of Tasmania <i>Co-designing novel approaches to using automated office blood pressure measurement in community settings</i>
10:15 am – 10:30 am	Swagata Kumar Sahoo, National Institute of Epidemiology <i>Unveiling the Pulse: Mapping Anti-Hypertensive Drug Availability Across India's States (2022-23)</i>
10:30 am – 10:50 am	Plenary 2023 AHA Winner presentation Dr Jessica Faulkner, Augusta University, USA <i>Mechanisms of adverse outcomes in preeclampsia</i> <i>Session Chairs: Dr Connie Ow and A/Prof Jonathan Mynard</i>
10:50 am – 11:10 am	Morning tea and poster viewing
11:10 am – 11:50 am	Guidelines in Australia <i>Session Chairs: Dr Connie Ow and A/Prof Jonathan Mynard</i>
11:10 am – 11:30 am	Dr Nick Larkins, The University of Western Australia <i>Developing hypertension guidelines for Australian children and adolescents</i>
11:30 am – 11:50 am	Dr Priscilla Prestes, Federation University Australia

11:50 am – 12:50 pm	Oral free session: New approaches for better outcomes <i>Session Chairs: Dr Connie Ow and A/Prof Jonathan Mynard</i>
11:50 am – 12:05 pm	A/Prof Jun Yang, Hudson Institute of Medical Research <i>Development and application of international consensus on primary aldosteronism medical treatment outcomes (PAMO)</i>
12:05 pm – 12:20 pm	Dr Alexandra Matthews, Princess Alexandra Hospital, Brisbane <i>The utility of 24-hour urinary aldosterone concentration analysed by LC-MS/MS for the diagnosis of primary aldosteronism</i>
12:20 pm – 12:35 pm	Dr Isabella Tan, The George Institute for Global Health <i>Listen to Your Heart and Mind: combined screening of raised blood pressure, atrial fibrillation, cognitive impairment and hearing loss</i>
12:35 pm – 12:50 pm	Dr Audrey Adji, UNSW <i>Pulsatile Vascular Afterload Measurement Improves Prediction of Right-Ventricular Dysfunction in Pulmonary Hypertension</i>
12:50 pm – 02:10 pm	Lunch and poster viewing
02:10 pm – 03:10 pm	Oral free session: Evidence from clinical trials and big data <i>Session Chairs: Dr Connie Ow and A/Prof Jonathan Mynard</i>
02:10 pm – 02:25 pm	A/Prof Martin Schultz, University of Tasmania <i>A hypertensive response to exercise relative-to-fitness in type 2 diabetes is associated with fatal and non-fatal cardiovascular events: results from the exercise stress test collaboration (EXERTION)</i>
02:25 pm – 02:40 pm	Prof Markus Schlaich, Royal Perth Hospital & University of Western Australia <i>Catheter-based renal denervation in patients with severe chronic kidney disease including dialysis: results from the Global SYMPPLICITY Registry DEFINE</i>
02:40 pm – 02:55 pm	Dr Yaxing Meng, Baker Heart and Diabetes Institute <i>Relative contribution of blood pressure in childhood, young-, and mid-adulthood with carotid plaque presence and area</i>
02:55 pm – 03:10 pm	Dr Matthew Snelson, Monash University <i>Temporal microbial volatility remains unchanged with dietary fibre intervention and does not distinguish between responders and non-responders to fibre's blood pressure-lowering effects</i>
03:10 pm – 03:20 pm	ASM meeting close <i>Prof Markus Schlaich, Royal Perth Hospital & University of Western Australia</i>
03:20 pm – 03:50 pm	Afternoon tea