

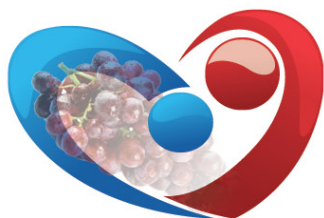
RAAS Satellite Meeting 2018

Devonvale Wine Estate,
Stellenbosch, South Africa
28-30 November 2018

Provisional Programme

Wednesday, 28 November		
15:00-15:10	Welcome Ed Sturrock	
Aldosteronism		Chairs: Jan Danser and Muscha Steckelings
15:10-15:50	Genetics of primary aldosteronism and the new physiology of aldosterone production	Maria Christina Zennaro (INSERM)
15:50-16:30	Endocrine Hypertension: Facts and Fictions	Gian Paolo Rossi (University of Padova)
16:30-17:00	First inducible / reversible mouse model of primary aldosteronism	Matthew Taylor (University of Michigan)
17:00-17:40	4 Selected talks from Abstracts	
	The effect of combination anti-hypertensive treatment on pulse wave velocity in Black Africans with mild to moderate hypertension	Erika Jones (UCT)
	Limited Contribution of Insulin Resistance to Obesity-Associated Increases in Ambulatory Blood Pressure in a Black African Community	Adamu Bamaïyi (WITS)
	Nox5 Induces Vascular Dysfunction and Arterial Remodelling Independently of Blood Pressure Elevation in Ang II-Infused Nox5-Expressing Mice	Karla Neves (University of Glasgow)
	Kidney function and the renin-angiotensin-aldosterone system in young South Africans: The African-PREDICT study	Lebo Gafane-Matemane (NWU)
18:00	Welcome Cocktail	

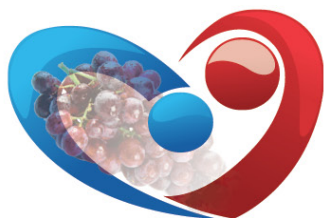
Thursday, 29 November		
Cardio Protection and Interventions for Heart Failure		Chairs: Gian Paolo Rossi and Catherine Llorens-Cortes



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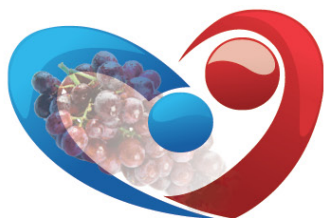
08:30-09:10	Aortic reflected waves in risk determination	Gavin Norton (University of Witwatersrand)
09:10-09:50	Aortic stiffness as a determinant of cardiovascular events beyond brachial and aortic blood pressure	Angela Woodiwiss (University of Witwatersrand)
09:50-10:30	Selected talks from Abstracts	
	Genetics of rheumatic heart disease in Africans	Babu Muhamed (UCT)
	Establishing a unique chronic stress model to evaluate the risk for cardiovascular diseases onset	Lukas Olivier (University of Stellenbosch)
	On-Treatment Decreases in Aortic Pulse Pressure Induced by Antihypertensives Are Accounted for More by Reductions in Backward Than Forward Wave Pressures	Vernice Peterson (WITS)
	Physical Activity Without Resistance Exercise Decreases Wave Reflection in Treated Refractory Hypertensives	Daniel da Silva Fernandes (WITS)
10:30-11:00	TEA	
AT2-receptors		Chairs: Robson Santos and Sandrine Lecour
11:00-11:40	AT2-receptor agonists: The long way from identifying a new pharmacological target to first clinical studies in humans	Muscha Steckelings (University of Southern Denmark)
11:40-12:20	Protective Effects of the Renin-Angiotensin System in the Brain: Stroke and Hypertension	Colin Summers (University of Florida)
12:20-12:30	Selected talks from Abstracts	
	Contribution of the retinoic acid receptor signalling to adrenal cortex morphology and functional zonation	Rami El Zein (INSERM)
12:30-13:30	LUNCH	



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Profiling of the RAAS		Chairs: Stu Nicklin and Angela Woodiwiss
13:30-14:10	A detailed profile of the RAAS Fingerprint in young healthy black and white adults: The African-PREDICT study	Alta Schutte (Northwest University)
14:10-14:50	RAAS-Triple A testing: Angiotensin based biomarkers in the personalized treatment of hypertension	Marko Poglitsch (Attoquant Diagnostics)
14:50-15:30	Physiological treatment of resistant hypertension: importance of renin and aldosterone profile	Brian Rayner (University of Cape Town)
15:30-15:40	Angiotensin peptides levels in professional cyclist after maximal incremental test	Daisy Motta-Santos (UFMG)
15:45-16:15	TEA	
From Alatenins to Ang 1-9		Chairs: Maria Christina Zennaro and Marko Poglitsch
16:15-16:55	Going beyond the classic paradigm: alatenins	Robson Santos (Federal University of Minas Gerais)
16:55-17:35	Ang-(1-7)/Mas and ET-1/ETBR- a new partnership	Rhian Touyz (University of Glasgow)
17:35-18:15	Assessing angiotensin-(1-9) function in acute vascular injury and neointima formation	Stuart Nicklin (University of Glasgow)
19:00	Conference dinner	
Friday, 30 November		
Therapeutic interventions targeting the RAAS		Chairs: Brian Rayner and Alta Schutte
08:30-09:10	Renin-angiotensin-aldosterone system inhibition: can we do better? Focus on ARNI and angiotensinogen suppression.	Jan Danser (Erasmus MC)



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09:10-09:50	Central-acting aminopeptidase A inhibitors for new treatment of hypertension and heart failure: from discovery to clinical trial	Catherine Llorens-Cortes (INSERM)
09:50-10:30	Inhibition of ACE C-domain and neprilysin in a chronic angiotensin II-dependent mouse model of hypertension	Lauren Arendse (University of Cape Town) Rheure Alves – Lopes (University of Glasgow)
10:30-11:00	TEA	
11:00-11:30	Is moderate to chronic consumption of wine a way to target the RAAS for cardio protection?	Sandrine Lecour (University of Cape Town)
Endocrinology and Immunology of the RAAS		Chairs: Matthew Taylor and Colin Sumners
11:30-12:10	The novel nonapeptideacein targets angiotensin converting enzyme in the brain and induces dopamine release	Jean Martinez (University of Montpellier)
12:10-12:50	Exploring links between perturbed immunometabolic pathways and risk for CVD onset in HIV-positive individuals	Faadiel Essop (University of Stellenbosch)
12:50	Closing remarks	Rhian Touyz and Ed Sturrock