

**Hypertension in Africa Research Team (HART) Symposium  
19-20 September 2022**

**A decade of hypertension research: Reflecting on the past to strengthen the future**

<b>Monday 19 September 2022</b>	
Venue: North-West University, Potchefstroom campus, Building F1 – Roof garden	
08:00 – 08:45	Registration and morning coffee/tea
Venue: North-West University, Potchefstroom campus, Building F1– Senate Hall	
08:45 – 11:00	Session Chair: Prof Carina Mels & Prof Marlien Pieters
08:45 – 08:50	Welcoming <b>Prof Awie Kotzé</b> (Dean of the Faculty of Health Sciences, NWU)
08:50 – 09:00	Opening <b>Prof Carina Mels</b> (Research Director of HART)
09:00 – 09:30	Raised blood pressure as key contributor to preventable deaths: opportunities for change <b>Prof Alta Schutte</b> (Sydney, Australia)
09:30 – 10:00	Use of laws in the prevention of Non-Communicable Diseases (NCDs) in selected Low and Medium Income Countries: a case for rural communities <b>Prof Ushotane Useh</b> (Mahikeng, South Africa)
10:00 – 10:30	Challenges, priorities and advances in paediatric hypertension and cardiovascular health <b>Prof Ruan Kruger</b> (Potchefstroom, South Africa)
10:30 – 11:00	Physical activity and markers of the metabolic syndrome in adolescents: the PAHL study <b>Prof Andries Monyeki</b> (Potchefstroom, South Africa)
11:00 – 11:30	Tea break in the roof garden
11:30 – 13:00	Session Chairs: Prof Shani Botha-le Roux & Dr Hlengiwe Mbongwa
11:30 – 12:00	Identifying new drug targets in cardiovascular disease and heart failure <b>Prof Martin Magnusson</b> (Lund, Sweden)
12:00 – 12:30	The retinal microcirculation: A window to cardiovascular health <b>Prof Wayne Smith</b> (Potchefstroom, South Africa)
12:30 – 13:00	Model building strategies for epidemiological research <b>Prof Cristian Ricci</b> (Potchefstroom, South Africa)
13:00 – 14:00	Lunch will be served at the roof garden
Venue: North-West University, Potchefstroom campus, Building F12 – HART Clinic	
14:00 – 15:00	Escorts: Sr Adéle Burger & Dr Lisa Uys
14:00 – 15:00	Tour of the Hypertension Research & Training Clinic Facilities
Venue: North-West University, Potchefstroom campus, Building F1 – Roof garden	
15:00 – 16:30	Session Chairs: Dr Yolandi Breet & Dr Adriaan Jacobs
15:00 – 16:30	Moderated Student Poster Session
16:30 – 18:00	Light dinner will be served at the roof garden

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Tuesday 20 September 2022	
Venue: North-West University, Potchefstroom campus, Building F1 – Roof garden	
08:00 – 08:45	Morning coffee
Venue: North-West University, Potchefstroom campus, Building F1 – Senate Hall	
08:45 – 11:00	Session Chairs: Dr Annemarie Wentzel & Dr Esmé Jansen van Vuren
08:45 – 09:15	Update on the MRC / NWU Extra Mural Unit for Hypertension and Cardiovascular Disease <b>Prof Marlien Pieters</b> (Potchefstroom, South Africa)
09:15 – 10:00	What's new in hypertension?: A global round-up <b>Prof Neil Poulter</b> (London, England)
10:00 – 10:30	Blood pressure monitoring in a South African context <b>Dr Gontse Mokwatsi</b> (Potchefstroom, South Africa)
10:30 – 11:00	Renin-angiotensin system and hypertension – an African perspective <b>Prof Lebo Gafane-Matemane</b> (Potchefstroom, South Africa)
11:00 – 11:30	Tea break in the roof garden
11:30 – 13:00	Session Chairs: Dr Leandi Lammertyn & Dr Cleo Mokhaneli
11:30 – 12:00	The EndoAfrica Story: a roller-coaster journey from near-death to successful consortium <b>Prof Hans Strijdom</b> (Stellenbosch, South Africa)
12:00 – 12:30	Metabolomics and CVD risk over the life course <b>Prof Carina Mels</b> (Potchefstroom, South Africa)
12:30 – 13:00	My journey to the HART of Africa <b>Prof Lisa Ware</b> (Johannesburg, South Africa)
13:00 – 14:00	Lunch will be served at the roof garden
14:00 – 15:00	Postdoctoral session Session Chairs: Prof Wayne Smith & Dr Lisa Uys
14:00 – 14:20	The interplay between the ventricular-arterial coupling (VAC) and cardiovascular risk - A Multicenter Research Approach <b>Dr Hannes Hölm</b> (Lund, Sweden)
14:20 – 14:40	Exploring biomarkers associated with deteriorating vascular health using a proteomic chip: The SABPA study <b>Dr Amra Jujic</b> (Lund, Sweden)
14:40 – 15:00	Selenoprotein-P deficiency is associated with higher risk of incident heart failure <b>Dr John Molvin</b> (Lund, Sweden)
15:00 – 15:20	Dietary intake, central blood pressure and arterial stiffness in young adults: The African-PREDICT study <b>Dr Marina Visser</b> (Potchefstroom, South Africa)
15:20 – 15:40	A comparison of retinal vessel functional responses between people living with HIV and HIV-free South Africans: The EndoAfrica-NWU study <b>Dr Carlien Jacobsz</b> (Potchefstroom, South Africa)
15:40 – 16:00	Awards session
16:00	Closing of Symposium Sr Adèle Burger