

Published Peer Reviewed articles

Everson F, De Boever P, Nawrot TS, Goswami N, Mthethwa M, Webster I, Martens DS, Mashele N, **Charania S**, Kamau F, Strijdom H. Personal NO₂ and Volatile Organic Compounds Exposure Levels are Associated with Markers of Cardiovascular Risk in Women in the Cape Town Region of South Africa. *International Journal of Environmental Research and Public Health*. 2019 Jan;16(13):2284.

Everson F, Martens DS, Nawrot TS, Goswami N, Mthethwa M, Webster I, Mashele N, **Charania S**, Kamau F, De Boever P, Strijdom H. Personal exposure to NO₂ and benzene in the Cape Town region of South Africa is associated with shorter leukocyte telomere length in women. *Environmental Research*. 2020 Mar 1;182:108993.

Published Peer reviewed abstracts

Strijdom H, De Boever P, Nawrot T, Goswami N, Webster I, Mthethwa M, Mashele N, Kamau F, Martens D, **Charania S**, Everson F. Personal air pollution exposure is associated with markers of cellular aging and cardiovascular risk: Findings from the EndoAfrica study. *SA Heart* 2019;16(3):241

Strijdom, H., Essop, M.S., Goswami, N., De Boever, P., Webster, I., Everson, F., Kamau, F.M., **Charania, S.**, Nawrot, T.S. HIV-infected participants on combination ART (tenofovir, emtricitabine, efavirenz) have improved endothelial function and smaller retinal venular calibers compared to treatment naive participants. *European Heart Journal* 2019; 40 (Supplement_1): ehz746.0308. European Society of Cardiology Congress, Paris, France, 31 August – 4 September 2019.

Charania S, Webster I, Mashele N, Mthethwa M, Kamau F, Espach Y, Everson F, Cyster H, Goswami N, Boever P, Nawrot T, Strijdom H. Determinants of carotid intima-media thickness (CIMT) in a Western Cape study population with and without HIV infection. *SA Heart* 2018; 15(4):276

Everson F, Goswami N, De Boever P, Nawrot T, Essop MF, Mthethwa, Mashele N, **Charania S**, Espach Y, Webster I, Strijdom H. The effect of a fixed-dose combination ART regimen on retinal microvascular calibres in a South African HIV-infected study population. 19th Annual SA Heart Congress, Sun City, South Africa, 4-7 October 2018. *SA Heart*. 2018; 15(4): 277-278

Strijdom H, Kamau F, Goswami N, De Boever P, Nawrot TS, Essop MF, Mashele N, Mthethwa M, Espach Y, **Charania S**, Everson F, Webster I. Abdominal obesity and antiretroviral therapy are associated with improved endothelium-dependent vascular function in HIV-infected individuals: Results from the EndoAfrica study. 19th Annual SA Heart Congress, Sun City, South Africa, 4-7 October 2018. *SA Heart*. 2018; 15(4): 308.

Strijdom H, Goswami N, De Boever P, Nawrot T, Essop F, Mthethwa M, Mashele N, Everson F, **Charania S**, Espach Y, Webster I. Determinants of endothelial function in a cohort of HIV-infected and HIV-free participants: The role of cardiovascular risk factors, biomarkers of inflammation and HIV-dependent parameters. 86th European Atherosclerosis Society Congress, Lisbon, Portugal, 5-8 May 2018. *Atherosclerosis*. 2018; 275: e127

Strijdom H, Goswami N, De Boever P, Nawrot TS, Kessler HH, Stelzl E, Webster I, Everson F, Mashele N, Mthethwa M, **Charania S**, Espach Y, Kamau F, Essop MF. Vascular health in HIV: the role of cardiovascular risk factors, biomarkers of inflammation, HIV disease status and antiretroviral therapy (results from the EndoAfrica study, Cape Town, South Africa). 12th International Symposium on Molecular Diagnostics, Graz, Austria, May/June 2018. *Clin Chem Lab Med* 2018; 56(6): eA106

Other Conference outputs

Charania S, Webster I, Mashele N, Mthethwa M, Kamau F, Espach Y, Everson F, Cyster H, Goswami N, Boever P, Nawrot T, Essop F Strijdom. Endothelial function and sub-clinical atherosclerosis in a Western

Cape study population with and without HIV-infection. First conference of Biomedical and Natural Sciences and Therapeutics. 7-10 October 2018

Charania S, Webster I, Mashele N, Mthethwa M, Kamau F, Espach Y, Everson F, Cyster H, Goswami N, Boever P, Nawrot T, Essop F Strijdom H. Sub-clinical atherosclerosis and endothelial function in a study population of HIV positive and negative individuals of South Africa. Stellenboch University Biomedical Research Day November 2018

Charania S, Webster I, Mashele N, Mthethwa M, Kamau F, Espach Y, Everson F, Cyster H, Goswami N, Boever P, Nawrot T, Strijdom H. Carotid intima media thickness (CIMT) in a cohort of HIV positive and negative individuals of South Africa. Stellenbosch University 62nd Annual Academic Day 29 August, 2018