

## List of Publications

Year: 2018

Authors: Marinowitz, C., Genis, A., Goswami, N., De Boever, P., Nawrot, T.S. and Strijdom, H.

Title: Vascular endothelial dysfunction in the wake of HIV and ART. The FEBS Journal. doi: 10.1111/febs.14657.

Year: 2018

Authors: Everson, F., Genis, A., Ogundipe, T., De Boever, P., Goswami, N., Lochner, A., Blackhurst, D. and Strijdom, H.

Title: Treatment with a fixed dose combination antiretroviral therapy drug containing tenofovir, emtricitabine and efavirenz is associated with cardioprotection in high calorie diet-induced obese rats. PloS one, 13(12), p.e0208537.

Year: 2017

Authors: S.Nel, H.Strijdom, A.Genis, F.Everson, R.Van Wijk and S.H.Kotzé.

Title: A histomorphometric study on the effects of antiretroviral therapy (ART) combined with a high-calorie diet (HCD) on aortic perivascular adipose tissue (PVAT). Acta Histochemica (2017); Volume 119, Issue 5, Pages 555-562.

Year: 2016

Authors: Genis, A; Everson, FP; Ogundipe, T; Grandjean, T; De Boever, P; Goswami, N and Strijdom, H.

Title: Investigating the cardiovascular effects of antiretroviral drugs in a lean and high fat/sucrose diet rat model of obesity. Cardiovascular Research (2016); Volume: 111, Pages: S74-S75, Supplement: 1.

Year: 2016

Authors: Strijdom, H; Goswami, N; De Boever, P; Westcott, C; Ogundipe, T; Everson, F and Genis, A.

Title: Cardiometabolic and vascular effects of treatment with a fixed-dose combination anti-retroviral drug containing nucleoside and non-nucleoside reverse

transcriptase inhibitors (NRTI's and NNRTI's) in adult rats. *Atherosclerosis* (2016); Volume: 252, Pages: E166-E166.

Year: 2014

Authors: Huisamen, B; Genis, A; Marais, E and Strijdom, H.

Title: DPP-4 inhibition is cardioprotective and restores pancreatic function in obese, insulin resistant rats (2014). *Cardiovascular Research*. Volume: 103, Supplement 1.

Year: 2012

Authors: Mudau M, Genis A, Lochner A, Strijdom H.

Title: Endothelial dysfunction: the early predictor of atherosclerosis. *Cardiovasc J Afr*. 23(4):222-31.

Year: 2012

Authors: Mashudu Mudau; Amanda Genis; Amanda Lochner; Hans Strijdom.

Title: Endothelial dysfunction: the early predictor of atherosclerosis : review article. *Cardiovascular Journal of Africa*; 23 (4): 222 - 231.

Year: 2011

Authors: Huisamen B, Genis A, Marais E, Lochner A.

Title: Pre-treatment with a DPP-4 inhibitor is infarct sparing in hearts from obese, pre-diabetic rats. *Cardiovasc Drugs Ther*. 2011 Feb;25(1):13-20.

Year: 2010

Authors: Genis A, Mudau M, Lochner A, Strijdom H.

Title: Tumor necrosis factor (TNF)-alpha induces endothelial dysfunction ED in cultured Cardiac Microvascular Endothelial Cells (CMECs), by downregulation of the PKB/Akt signalling pathway. *JMCC*; 48 (5, S1).

Year: 2009

Authors: Fan WJ, Genade S, Genis A, Huisamen B, Lochner A.

Title: Dexamethasone-induced cardioprotection: a role for the phosphatase MKP-1? Life Sci. 2009 Jun 5;84(23-24):838-46.

Year: 2008

Authors: Sonia Genade, Amanda Genis, Kirsti Ytrehus, Barbara Huisamen and Amanda Lochner.

Title: Melatonin receptor-mediated protection against myocardial ischaemia/reperfusion injury: role of its anti-adrenergic actions. Journal of Pineal Research. November 2008, 45 (4): 449–458.

Year: 2008

Authors: Derick van Vuuren, Amanda Genis, Sonia Genade and Amanda Lochner.

Title: Postconditioning the Isolated Working Rat Heart. Cardiovascular Drugs and Therapy. October 2008, 22 (5): pp 391-397.

Year: 2008

Authors: E F Du Toit, A Genis, L H Opie, P Pollesello<sup>3</sup> and A Lochner.

Title: A role for the RISK pathway and KATP channels in pre- and post-conditioning induced by levosimendan in the isolated guinea pig heart. British Journal of Pharmacology (2008), 154 (1): 41–50.