

Publications:

Peer Reviewed Journal Articles:

Blignaut, M., Harries, S., Lochner, A., Huisamen, B. Ataxia-Telangiectasia Mutated protein kinase: potential master puppeteer of oxidative stress-induced metabolic recycling (2020) *Oxidative Medicine and Cellular Longevity*, under review.

Dube, K., Dhanabalan, K., Salie, R., **Blignaut, M.**, Huisamen, B., Lochner, A. Melatonin has profound effects on mitochondrial dynamics in myocardial ischaemia/reperfusion (2019) *Heliyon* 5 (10), e02659

Blignaut, M., Loos, B., Botchway, SW., Parker, AW., Huisamen, B. Ataxia-Telangiectasia Mutated protein kinase is located on the inner mitochondrial membrane of rat cardiac mitochondria (2019) *Scientific Reports*, 9, 4782. DOI:10.1038/s41598-019-41108-1

Blignaut, M., Espach, Y., van Vuuren, M., Dhanabalan, K., Huisamen, B. Revisiting the cardiotoxic effect of chloroquine (2019) *Cardiovascular Drugs and Therapy*; 33(1):1-11. DOI:10.1007/s10557-018-06847-9

Le Roux, JJ., **Blignaut, M.**, Gildenhuis, E., Mavengere, N., Berthouly-Salazar, C. The molecular ecology of biological invasions: What do we know about non-additive genotypic effects and invasion success? (2013) *Biological Invasions*, 16, 997–1001. DOI: 10.1007/s10530-013-0568-y

Blignaut, M., Ellis, A., Le Roux, J.J. Towards a transferable and cost-effective plant AFLP protocol (2013) *PLoS ONE*, 8(4). e61704. doi:10.1371/journal.pone.0061704

du Preez, J., Stephan, D., **Blignaut, M.**, Stander, C., Vivier, M.A., Goszczynski, D.E., Mawassi, M., Burger, J.T. The characterisation of virus-based vectors for functional genomic studies in grapevine (2010) *Australian Journal of Grape and Wine Research*, 16 , A68.

Book Chapter:

Blignaut, M. (2012) Review of Non-coding RNAs and the epigenetic regulation of gene expression: Drivers of Natural Selection by Kevin Morris (editor). *Epigenetics*, 7:6

Popular Science Article:

Blignaut, M (2020) Why it's vital to look beyond the hype about repurposed malaria drugs. The Conversation. <https://theconversation.com/why-its-vital-to-look-beyond-the-hype-about-repurposed-malaria-drugs-139153>