Sher LD, Geddie H, Olivier L, Cairns M, Truter N, Beselaar L, Essop MF. Chronic stress and endothelial dysfunction: mechanisms, experimental challenges, and the way ahead. Am J Physiol Heart Circ Physiol. 2020 Aug 1;319(2):H488-H506. doi: 10.1152/ajpheart.00244.2020. Epub 2020 Jul 3. PMID: 32618516.

Cairns M, Joseph D, Essop MF. The dual role of the hexosamine biosynthetic pathway in cardiac physiology and pathophysiology. Front Endocrinol (Lausanne). 2022 Oct 24;13:984342. doi: 10.3389/fendo.2022.984342. PMID: 36353238; PMCID: PMC9637655.

Geddie H, Cairns M, Smith L, van Wyk M, Beselaar L, Truter N, Rautenbach F, Marnewick JL, Joseph DE, Essop MF. The impact of chronic stress on intracellular redox balance: A systems level analysis. Physiol Rep. 2023 Apr;11(7):e15640. doi: 10.14814/phy2.15640. PMID: 37020327; PMCID: PMC10076515.