

Biography: Dr. Qutuba G. Karwi

Dr. Qutuba G. Karwi is a Postdoctoral Scholar in the research group of Dr. Gary Lopaschuk at the University of Alberta, Edmonton. His research focuses on the impacts of cardiac insulin resistance on cardiac function, energy metabolism and structural remodelling in heart failure, diabetes and obesity. He is also characterizing the mechanism by which insulin directly stimulates mitochondrial glucose oxidation in the heart and determining why this effect is impaired in the failing heart. Dr. Karwi's research has resulted in 24 publications, and he has been the recipient of a number of prestigious and competitive awards such as Alberta Innovates Postgraduate Fellowship in Health Innovation, the American Heart Association Paul Dudley White International Scholar Award, the International Academy of Cardiovascular Sciences Roberto Bolli Young Investigator Award, International Centre of Genetic Engineering and Biotechnology (ICGEB) Fellowship. Dr. Karwi also serves as a trainee member of a number of the editorial boards, including the Canadian Journal of Cardiology, Journal of Molecular and Cellular Cardiology and American Journal of Physiology-Heart and Circulatory Physiology.