

Dr. Peter Uchenna Amadi is a Postdoctoral Fellow in Dr. Dawei Zhang's Lab, at the Department of Pediatrics, Faculty of Medicine and Dentistry, University of Alberta. Dr. Amadi is currently a recipient of the 2024 CIHR Postdoctoral Fellowship Award, among other awards he received. He has 10 first author publications. Dr. Amadi devotes a significant contribution to the academic community by mentoring undergraduate and graduate students, and by serving as a reviewer for grant awarding bodies and to several journals.



He completed his doctorate degree from the University of Port Harcourt, Nigeria. His studies focus on the translational investigation of plant bioactive compounds in chronic disease conditions. He demonstrates a broad expertise in the use of various cell lines, animal models, and in randomized controlled clinical trials. From the elucidation of potential druggable targets to the demonstration of preclinical and clinical efficacy of promising bioactive compounds, Dr. Amadi's studies aim to find cost-effective treatments for diabetes and lipid-related disorders.