

Dr. Priyanka (Pri) Bandara PhD, a former academic clinical and basic researcher (Westmead and Royal Prince Alfred Hospitals as well as Faculty of Medicine at the the University of Sydney and UNSW) is now operating as an independent researcher and educator in environmental health. In her short academic career, Dr Bandara gained research experience in clinical hepatology, molecular pharmacology, biochemistry and molecular genetics. She also served as a senior manager in the New South Wales health system, coordinating a dynamic research team and a clinical team at the Westmead Children's Hospital (Neurogenetics Research Unit and the Institute for Neuroscience & Muscular Research). Dr Bandara chose to become a stay-at-home mum in 2008 and subsequently became involved in environment health, realising the need to focus on the prevention of chronic diseases more than intervention. The genetic regulation of cellular oxidative stress responses was the research focus of her doctoral studies at UNSW in the late 1990s and Dr. Bandara has pursued her interest in oxidative stress that is involved in the pathobiologically of almost every disease. Investigating cytotoxic effects of various environmental pollutants via complex cellular pathways, Dr Bandara furthers the understanding of their health impacts for our changing world. Dr. Bandara has a particular research interest in the biological and health effects of low-intensity radiofrequency electromagnetic radiation (RF-EMR) exposure, now widespread even in children, from a multitude of wireless communication and surveillance devices.