

Dr. Rob Nicol Biography

Dr. Nicol conducts research, teaches and mentors students in the School of Applied Sciences and Technology at Fanshawe College, and is adjunct faculty at the School of Pharmacy, University of Waterloo. He investigated the anti-fungal activity of ginseng saponins for his doctoral research (Western University) and the anti-insect activity of plant extracts for his MSc research (University of Ottawa). Dr. Nicol is interested in investigating the sustainable use of biological resources such as plants and microbes as new sources of chemicals and energy, especially within the context of the bioeconomy, and has completed research in this area due to support from OMAFRA, NSERC and other funders. The results of this research have been published in peer-reviewed journals such as *Phytopathology*, *Biomass and Bioenergy*, *Green Chemistry* and *Applied Microbiology and Biotechnology*. In addition, Dr. Nicol is currently working with an Ontario specialty food company to commercialize a biopesticide from their processing byproducts.