

Patrick McGinn

Patrick McGinn, Ph.D. holds the position of Senior Research Officer at the National Research Council of Canada (NRC) and is based in Ketch Harbour, Nova Scotia. Dr. McGinn joined the NRC in 2008 as a Research Officer and currently serves in the role of Algae Biotechnology team lead, where he directs research bioprospecting the vast diversity of microalgae in a search for strains suited to the production of value-added products and services. Dr. McGinn's team has focused on microalgae strain isolation, screening and selection for targeted traits as well as biomass valorization through the extraction and analysis of high-value products.

Since 2012, Dr. McGinn and his team have published 30 peer-reviewed journal articles and book chapters on many aspects of algal biotechnology including algae-based aquaculture feed ingredients, large-scale CO₂ conversion, photobioreactor development, analysis of biomass proteins, oils, carbohydrates and carotenoids, and algal bioactives in addition to other topics of interest. He completed his Ph.D. in algal molecular biology at the Australian National University in 2003. He subsequently completed post-doctoral fellowships at Mount Allison (2003-2005) and Princeton (2005-2008) Universities.