

[Mikhaela Neequaye](#) obtained her BSc (Hons) in Genetics from the University of Leicester in 2015 and is now in the third year of her PhD at the Quadram Institute. Mikhaela's work focuses on the genetic regulation of the accumulation of nutritional phytochemicals in broccoli, this is collaborative work overseen by Professor Richard Mithen at the Quadram Institute and Professor Lars Østergaard at the John Innes Centre. Her work aims to characterize the role of a major R2R3 MYB transcription factor in regulation of glucosinolate biosynthesis in novel broccoli lines, developed for health-promoting potential. These broccoli lines are used in the series of human intervention trials conducted by members of the Mithen Group.