

## **Professor Naresh Magan DSc**

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Naresh completed his BSc (Hons) in Botany and MSc in Plant Pathology at Exeter University, Devon, UK in 1977. He completed his PhD at Reading University in 1982 while working at Rothamsted Research. He has a personal Chair in Applied Mycology since 1999 and was awarded a DSc in 2013 by Cranfield University in recognition of his research on spoilage moulds and mycotoxins where he has worked for 28+ years. His group is internationally recognised for their research on ecophysiology and molecular ecology of spoilage and mycotoxigenic moulds in stored food commodities and the development of innovative prevention strategies. More recently his Group has integrated knowledge on molecular ecology, ecophysiology and mycotoxin production to develop a systems approach and developed models to predict the relative risk of mycotoxin contamination, especially in the context of sustainable food security and the climate change agenda. He is involved in development of Decision Support Systems post-harvest for food commodities by integrating physical data with biological models. His group has published 245+ research papers, numerous Book Chapters and edited a number of books on these topics. Other research work includes development of biological control agents for fungal disease and pest control, fungal bioremediation systems for xenobiotics and the early detection of spoilage/mycotoxigenic fungi using volatile production profiles.



