



MOHD NIZAM LANI

Dr.

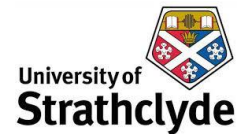
EDUCATION



BSc.(UPM)



MSc.(UPM)



PhD. (Strathclyde)

CONTACT

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EXPERTISE

Field
Food Science

Expertise
Food Microbiology & Safety

Specialization
Lactic Acid Bacteria
Food Fermentation
Food Safety

RESEARCH CONTRIBUTION & ACHIEVEMENT

My research interest is focused on the food microbiology and food safety related to the food services, food fermentation and innovative food products. When looking at the past, my PhD research on "Inactivation and photoreactivation of *Listeria monocytogenes* using different wavelengths" had taught me working with multi-disciplinary research (microbiology, physics and engineering). Although there is limited facilities to continue my PhD studies, I manage to do collaboration with UTM on using Nd:YAG laser and its harmonic to inactivate the growth of *Escherichia coli* and *Listeria monocytogenes*. Besides that, my research in food microbiology and food safety research involved collaboration with USIM, UTM, UNISEL, UNIMAP, UniSZA, UPM and MARDI. The objective of my research is to understand the role and functions of Lactic Acid Bacteria (LAB) as probiotics, fermentation, food preservation and biocontrol in agriculture. I am also involved in the research on food quality and shelf life of innovative food products and addressing the current microbiological assessment in ready-to-eat foods and food contact surfaces. I am the member of Special Interest Group (SIG) in the research of Apis-Meliponine UMT, where I focused on isolation of lactic acid bacteria from stingless bee honey and by products, and understanding the bioactivity of metabolites produced by LAB. Other research interests I have explored in the past few years were on social community engagement and empowerment through social innovation.

PROFESSIONAL MEMBERSHIP

- 🕒 Life Member of the Malaysian Society for Microbiology (Since 2014)
- 🕒 Life Member of the Malaysian Institute of Food Technology (Since 2017)
- 🕒 Life Member of the Malaysian Society for Lactic Acid Bacteria (Since 2018)
- 🕒 Member of the Malaysia Healthcare Foodservice Association (Since 2012)

NETWORKING & RESEARCH COLLABORATION

- 🕒 USIM
- 🕒 UNISEL
- 🕒 UTM
- 🕒 MARDI

PUBLICATION

- 🕒 Scopus ID : 26422211800
- 🕒 Researchgate : Mohd_Lani
- 🕒 Google Scholar : Mohd Nizam Lani

