

CURRICULUM VITAE



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Education

1. PhD. Chemical Engineering, 2018, University of Manchester, UK.
2. M.S. Postharvest Engineering, 2013, Universiti Putra Malaysia.
3. B. E. Biological & Agricultural, 2009, Universiti Putra Malaysia.

Areas of Interest

1. Agricultural Bioprocess Engineering
2. Postharvest Engineering
3. Biochemical production from agricultural waste
4. Biosurfactant & Fermentation

Professional Qualification/ Membership/ Affiliation

1. Professional Member, Malaysian Society of Agricultural Engineers (MSAE)

Appointments

Position	Duration
1. Final Year Project Coordinator, Department of Biological and Agricultural Engineering, Faculty of Engineering, UPM	July 2018 to date

Publications

- Journals**
1. **Radzuan, M.N.**, Banat, I.M., Winterburn, J., 2018. *Biorefining palm oil agricultural refinery waste for added value rhamnolipid production via fermentation*. Ind. Crops Prod. 116, 64–72.
 2. Kiefer, J., **Radzuan, M.N.**, Winterburn, J., 2017. *Infrared spectroscopy for studying structure and aging effects in rhamnolipid biosurfactants*. Appl. Sci. 7.
 3. **Radzuan, M.N.**, Banat, I., Winterburn, J., 2016. *Production and characterization of rhamnolipid using palm oil agricultural refinery waste*. Bioresour. Technol. 225, 99–105.

Conference Proceeding

1. **Mohd Nazren Radzuan** & James Winterburn, “*Production and characterization of rhamnolipids using palm oil refinery waste*”, 2016, Post Graduate Research Conference, The University of Manchester, United Kingdom.
2. **Mohd Nazren Radzuan** & James Winterburn, “*New Renewable Carbon Sources for Biosurfactant Production using Pseudomonas aeruginosa via Fermentation Process*”, Foodwastenet Workshop: Adding value to food processing waste and by-products, 2015, Ashton University, United Kingdom.
3. **Mohd Nazren Radzuan** & James Winterburn, “*Production of biosurfactant using by using glucose via fermentation processes*”, 2015, Post Graduate Research Conference, The University of Manchester, United Kingdom.
4. **Mohd Nazren Radzuan**, James Winterburn & Ibrahim Banat, “*Comparison and Characterization of Different Carbon Sources for Biosurfactant Production Using Pseudomonas aeruginosa*”, 2015, 3rd European Congress of Applied Biotechnology, Nice, France.



5. **Mohd Nazren Radzuan** & James Winterburn, "*Production of Biosurfactant by using Palm Oil Residue via Fermentation Process*", 2014, Post Graduate Research Conference, The University of Manchester, United Kingdom.
6. **Mohd Nazren Radzuan** & James Winterburn, "*Production of biosurfactant using by Pseudomonas aeruginosa ATCC 9027 using Palm Oil*", 2014, Biochemical Engineering Special Interest Group Young Researchers Meeting, University of Sheffield, United Kingdom.

Awards/Recognition

Leverhulme Travel Bursary Awards by Society of Chemical Industry (SCI), Visit to School of Biomedical Sciences, University of Ulster, December 2014