

WIDYA BINTI ABDUL WAHAB



- KULLIYAH OF SCIENCE
- IIUM Kuantan Campus
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ACADEMIC QUALIFICATION

- Doctor of Philosophy in Diabetes and Nutritional Sciences
- Master of Biotechnology

TEACHING RESPONSIBILITIES

APPLIED MOLECULAR GENETICS	2019/2020
COMMERCIALISATION & CURRENT ISSUES IN BIOTECH	2014/2015 2015/2016
FATS AND OILS CHEMISTRY AND TECHNOLOGY	2016/2017 2017/2018 2018/2019 2019/2020 2020/2021
FOOD TOXICOLOGY AND ASSESSMENT	2015/2016 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021
HALAL AND HARAM IN FOOD PROCESSING	2015/2016 2016/2017 2017/2018 2018/2019 2019/2020
INSTRUMENTATION IN BIOTECHNOLOGY RESEARCH	2014/2015 2015/2016 2020/2021
INTERNSHIP	2016/2017 2017/2018 2018/2019 2019/2020
MEDICAL BIOTECHNOLOGY	2017/2018 2018/2019
NATURAL RESOURCE MANAGEMENT IN BIOTECHNOLOGY	2016/2017
PROJECT SEMINAR	2014/2015

RESEARCH PROJECTS

In Progress

2016 - Present Investigation Of Insulin-like Protein Of Some Malaysia Medicinal Plants For Diabetes Mellitus Treatment

2015 - Present Sponge-associated fungal diversity with functional analysis of halogenase and cellulase

2015 - Present

The Developemnt of Halal Collagen Nutraceuticals Tablet from Chicken Feet

Completed

2016 - 2020

Investigation Of Insulin-like Protein Of Some Malaysia Medicinal Plants For Diabetes Mellitus Treatment

2015 - 2019

The Developemnt of Halal Collagen Nutraceuticals Tablet from Chicken Feet

PUBLICATIONS

Article

2019 [Comparative study of thaumatin protein from *Thaumatococcus daniellii* grown at different growth environments.](#) International Journal of Allied Health Sciences , 3 (2) pp.668-674

2016 [Coeliac disease: immunogenicity studies of barley hordein and rye secalin-derived peptides.](#) International Journal of Experimental Pathology , 97 (4) pp.303-309

Conference or Workshop Item

2017 [Extraction optimization and characterization of collagen from chicken \(*Gallus gallus domesticus*\) feet.](#) In: **5th International Conference on Chemical, Agricultural, Biological and Environmental Sciences (CAFES-17)**

2016 [Extraction optimization and properties of collagen from chicken \(*Gallus gallus domesticus*\) feet.](#) In: **Medical Research Symposium (MRS) and Pacific Partnership in Conjunction with Kuantan Research Day 2016**

2016 [Antioxidant and antibacterial properties of different *nypa fruticans* fruit extracts.](#) In: **Health Sciences Symposium 2016 (HSS 2016)**

2016 [Quantification of total phenolic contents and their antioxidant scavenging capacity in selected herbs extract.](#) In: **Medical Research Symposium & Pacific Partnership in conjunction with Kuantan Research Day 2016**

2016 [Antibacterial activities of protein extracts from *Andrographis paniculata*, *Tinospora crispa* and *Centella asiatica*.](#) In: **Medical Research Symposium and Pacific Partnership in conjunction with Kuantan Research Day**

2016 [Protein profilong of chicken breast muscle from different slaughter houses in relation to meat quality.](#) In: **Medical Research Symposium & Pacific Partnership in conjunction with Kuantan Research Day 2016**

2016 [Antibacterial activities of protein extracts from *andrographis paniculata*, *tinospora crispa* and *centella asiatica*.](#) In: **Medical Research Symposium & Pacific Partnership in conjunction with Kuantan Research Day 2016**

Book

Book Section