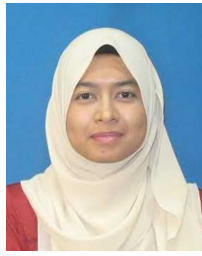


NUR HAFIZAH BINTI AZIZAN



- KULLIYAH OF SCIENCE
- IIUM Kuantan Campus
- Email address:
fizahazizan@iium.edu.my

ACADEMIC QUALIFICATION

- Doctor of Philosophy
- Master of Science (Biotechnology)
- Bachelor of Science (Biotechnology)

TEACHING RESPONSIBILITIES

CELL BIOLOGY	2018/2019 2019/2020
ENVIRONMENTAL MICROBIOLOGY	2019/2020
ENZYMOMOLOGY	2015/2016 2016/2017 2017/2018 2018/2019
FINAL YEAR PROJECT	2019/2020 2020/2021
FINAL YEAR PROJECT II	2019/2020 2020/2021
FUNDAMENTAL OF MICROBIOLOGY	2018/2019 2019/2020 2020/2021
INSTRUMENTATION IN BIOTECHNOLOGY RESEARCH	2015/2016 2016/2017 2017/2018 2018/2019 2019/2020
PRINCIPLES OF MICROBIOLOGY	2016/2017 2017/2018
PRINCIPLES OF CELL BIOLOGY	2015/2016 2016/2017 2017/2018

RESEARCH PROJECTS

In Progress

- | | |
|-----------------------|--|
| 2020 - Present | The Effectiveness of EM Mudball in Remediating Balok River |
| 2019 - Present | In vitro propagation of Etlingera elatior J. (Torch ginger) via indirect regeneration |
| 2019 - Present | Genotypic analysis of Catechol 2,3-Dioxygenase gene in oil clean-up crews isolated from Sungai Balok. |
| 2019 - Present | The mechanism of action of EPS from G. lucidum as α -glucosidase inhibitors and to identify its role in the regulation of blood glucose level |

2017 - Present The effect of coculture on rare actinomycete, *Actinophytocola* sp. with live/dead cells of bacteria in eliciting secondary metabolite production

2015 - Present Over expression of Actinomycete *relA* and *rshA* genes to enhance secondary metabolite production

Completed

2015 - 2018 Over expression of Actinomycete *relA* and *rshA* genes to enhance secondary metabolite production

2010 - 2013 Study of Gene Expression Level of CMV in *Capsicum annum* cultivars

PUBLICATIONS

Article

2018 [Isolation and characterization of hydrocarbon tolerant microorganisms from marine environment.](#) International Journal of Integrated Engineering , 10 (6) pp.133-138

2018 [Phylogenetic study of presumptive oil-degrading microbes isolated from the North-Western tip of Pahang.](#) International Journal of Integrated Engineering , 10 (6) pp.128-132

2018 [Isolation and screening of biosurfactant-producing marine bacteria from Kuantan Port, Pahang, Malaysia.](#) Science Heritage Journal , 2 (2) pp.21-26

2018 [Science@iiium.](#) science@iiium pp.1-40

2018 [science@iiium.](#) science@iiium (December 2018) pp.1-40

2017 [Study of cucumber mosaic virus gene expression in *Capsicum annum*.](#) Science Heritage Journal , 1 (2) pp.29-31

2016 [Crude oil bioremediation by indigenous bacteria isolated from oily sludge.](#) Jurnal Teknologi , 78 (11-2) pp.61-66

2009 [DNA polymorphism of D1S80 locus in modern Malay sample population of Sarawak.](#) Sains Malaysiana , 38 (2) pp.143-147

Conference or Workshop Item

2018 [Actinophytocola sp. K4-08: rare actinomycete with potential biosynthetic capability.](#) In: **34th Symposium of the Malaysian Society for Microbiology 2018**

Book

Book Section

2011 [Microbial communities and water quality of aquaculture potential Penor River, Pahang, Malaysia.](#) In: **Aquaculture and the environment: Present status and future challenges** IIUM Press . ISBN 978-967-418-197-0 , pp.250-262