

# NUR HAFIZAH BINTI AZIZAN



- KULLIYAH OF SCIENCE
- IIUM Kuantan Campus
- Email address:  
[fizahazizan@iium.edu.my](mailto:fizahazizan@iium.edu.my)

## المؤهل العلمي

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

## مسؤوليات التدريس

CELL BIOLOGY	2018/2019 2019/2020
ENVIRONMENTAL MICROBIOLOGY	2019/2020
ENZYMOMOLOGY	2015/2016 2016/2017 2017/2018 2018/2019
FINAL YEAR PROJECT	2019/2020
FINAL YEAR PROJECT II	2019/2020
FUNDAMENTAL OF MICROBIOLOGY	2018/2019 2019/2020
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
SCIENCES OF HADITH	2020/2021

## المشاريع البحثية

### In Progress

- 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  $\beta$ -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

## المنشورات

### 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