NUR FARIZA BINTI M.SHAIPULAH

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QUALIFICATIONS

- Doctor of Philosophy (Biology), University of Amsterdam
- Master of Science (Conservation Biology), Universiti Kebangsaan Malaysia
- Bachelor of Science (Biotechnology), Universiti Kebangsaan Malaysia

FIELD OF RESEARCH

- Plant Physiology
- Plant Secondary Metabolites
- Plant Volatiles

RESEARCH INTEREST

Research interests primarily in investigating plant volatile regulation in response to pollinators and herbivores.

RESEARCH PROJECTS

- Pollination Ecology of Oil Palm.
- Potential of Liverworts as Biopesticides in activation of chili plant defence upon pest infestation.

GRANTS

Project	:	Pollination ecology of oil palm in TDMP plantations, Terengganu.
Position	:	Co-researcher
Grant Name	:	TDM Plantation Sdn. Bhd.
Status	:	Active
Amount	:	RM 487,175.80
Project	:	Elucidating the potential of liverworts as biopesticides in activation of chili plant defence upon infestation with pest insects
Position	:	Project leader
Grant Name	:	Fundamental Research Grant Scheme (FRGS)
Status	:	Active
Amount	:	RM 84, 100.00
Project	:	Understanding of flower characteristics preferred by the stingless bees for landscaping configuration to sustain the bees colonies and honey yield.
Position	:	Co-researcher
Grant Name	:	Fundamental Research Grant Scheme (FRGS)
Status	:	Active
Amount	:	RM 163, 876.00

PUBLICATIONS

Journal Article

1. Shaipulah NF, Muhlemann JK, Woodworth BD, Van Moerkercke A, Verdonk JC, Ramirez AA, Haring MA, Dudareva N. & Schuurink RC (2016) *CCoAOMT* down-regulation activates anthocyanin biosynthesis in petunia. Plant Physiology, 170 (2), 717-731.
2. MS Fariza, SL Pang, Chee Yen Choong & Ratnam Wickneswari (2008) Extensive DNA sequence variations in two lignin genes, *Cinnamate 4-hydroxylase* and *Cinnamyl Alcohol Dehydrogenase* from *Acacia mangium* and *Acacia auriculiformis*. Journal of Biological Science, 8(3), 687-690.

Conference Publication

1. P Bleeker, E Spyropoulou, M Boersma, NF Shaipulah, A Scala, S Allmann, M de Vries, M Haring, R Schuurink (2013) Metabolic engineering of volatile production. 61st International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research.
2. Nur Fariza, M.S., Noorashikin Md Saleh, Nur Izzati, Z., Norasmah, B. (2009) HPLC analysis of benzenoid compounds in *Lumnitzera racemosa* flowers. Proceeding of the 3rd Regional Conference on Natural Resouces in the Tropics (NRTrop3).

Other Outputs

1. Nur Fariza, M.S. (2018) The Biochemistry and Genetics of Floral Scent Production as part of the Petunia Pollination syndrome. Ph.D. Universiteit of Amsterdam.
2. Nur Fariza, M.S. (2007) DNA sequence variations in two selected lignin genes from *Acacia mangium* and *A. ariculiformis*. M.Sc. Universiti Kebangsaan Malaysia.

SUPERVISION

Master Degree

Thesis Title	:	Sharifah Masit'ah Binti Syed Esa
Student Name	:	Roles of floral volatiles as part of pollination syndrome in oil palm
Role	:	Supervisor
Status	:	Ongoing

Thesis Title	:	Asraf Bin Muhammad @ Mohamad Idrus
Student Name	:	Pollination ecology of oil palm *Elaeis guineensis* in TDM plantation, Terengganu
Role	:	Co-supervisor
Status	:	Ongoing

COURSE TAUGHT

- Genetics
- Ecological Genetics

LINKS

- SCOPUS : https://www.scopus.com/authid/detail.uri?authorId=57091716300
- ORCID : https://orcid.org/0000-0002-8878-3227
- Google scholar : https://scholar.google.com/citations?user=OF0013sAAAAJ&hl=en

JOURNAL REVIEWER

- Characterisation of *AmCCR1* and *pseudoCOMTAm* promoters in *Acacia mangium*. 2020. Malaysian Applied Biology Journal.
- Nursery protection to enhance agronomic performance and sustainability of chili production. 2020. Journal of Sustainability Science and Management.