



DAYANG ROSIZ'ZAH BINTI DURAHMAN @ RAMLEE

Address: Taman Indah Villa, Jalan Bukit Manggis, 89608 Papar, Sabah.

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SUMMARY

A dedicated Research Officer in Biotechnology with knowledge and skills in molecular biology. Experienced in experimental design and data analysis as well as willing to collaborate within multidisciplinary teams. Passionate about driving biotechnological advancements through innovation. Seeking opportunities to further enhance skills and capabilities, particularly in the field of Biotechnology.

WORK EXPERIENCE

Research Officer, Malaysia Cocoa Board

September 2023 - Present

- Plan, design, and execute experiments to investigate various aspects of biotechnological processes or products.
- Contribute to the development of new biotechnological tools, techniques, and applications.
- Perform data collection and analysis systematically and accurately.
- Staying updated on emerging technologies and scientific advancements in the field.
- Manage research projects including budgeting, timeline management, and resource allocation.

Technical Officer, Malaysian Society for Quality in Health

July 2022 - August 2023

- Facilitate surveyors in carrying out hospital accreditation surveys throughout Malaysia.
- Involve in editing accreditation survey reports.
- Facilitate in development of healthcare accreditation standards.
- Participate and assist in training activities for healthcare facility.

Graduate Research Assistant, Universiti Malaysia Sabah

April 2022 - July 2022

- Conducting relevant literature review and research on Master Project.

Production Executive, MYJ Naturalle Sdn Bhd

March 2021 - February 2022

- Handling food production operations.
- Monitoring the progress of production (cost control & production scheduling).
- Involved in product development.
- Preparing documentations related to MeSTI and Halal certifications.
- Helping marketing team to achieve sales target by providing enough supply of products.

Intern, YSG Bioscape Sdn Bhd

February 2020 - July 2020

- Tissue culture propagation of plant species of economic importance such as bamboo, teak and banana.
- Learn to design and plan the in vitro propagation procedures.
- Learn to acclimatize the tissue-cultured plantlets in the greenhouse.

ADDITIONAL SKILLS

Technical skills: Microsoft Office (Words, Powerpoint, Excel) & SPSS.

Interpersonal skills: Willingness to learn, teamwork, ability to work under pressure and independently, communication skills.

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EDUCATION

Master of Science (Biotechnology) 2022 - Present

Universiti Malaysia Sabah

- Master project: Evaluation of Plant Biostimulant Derived from Seaweed Extract Residues For Enhanced Cocoa and Chili Plant Growth and Yield

Bachelor of Science with Honours (Biotechnology) 2016 - 2020

Universiti Malaysia Sabah

- Final Year Project (UMS-2019): Evaluation on the Effect of Ozonated Water as a Cleaning Agent in the Campus

Science Foundation 2015 - 2016

Universiti Malaysia Sabah

INVOLVEMENT

PROJECT:

1. Development of RNA Interference (RNAi) -Based Gene Silencing to Control Major Pest (*Conopomorpha cramerella*) affecting Cocoa.
2. Development and Optimization of an Artificial Diet for Laboratory Rearing of Cocoa Pod Borer (CPB), *Conomorpha Cramella*.

ACHIEVEMENT

1. Durahman, D. R., Saallah, S., Yong, W. T. L., & Misson, M. (2023). Nutritional and chemical analysis of seaweed residues extracted through various carrageenan processing methods as potential plant biostimulant. Poster presented at 8th International Biotechnology Symposium (SB8). 29 -30 August 2023, Kota Kinabalu, Sabah.
2. Dayang Rosiz'zah Durahman (2024). Unleashing The Power Of RNA Interference (RNAi) Technology: Revolutionizing Pest And Plant Disease Control In Cocoa Industry. Poster presented at Seminar Sustainability in Cocoa Supply Chain through Advanced Technology: Consultation with Industry on Cocoa Advanced Technology 2024 (CICAT2024). 20-21 February 2024, Kota Kinabalu, Sabah.

CERTIFICATIONS

Food Handling Certificate by KKM

REFERENCES

Dr. Albert Ling Sheng Chang

Director of Biotechnology Division

Malaysian Cocoa Board

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Professor Madya Dr. Mailin Binti Misson

Main Supervisor for Master Project

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