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## EDUCATION

● Tokyo University of Agriculture  
and Technology

2019-2022

### Doctor of Philosophy

- Applied Biological Chemistry
- Dissertation: Study on glycan formation in the node of Ranvier using a newly developed glycan marker
- Advisor: Atsushi Nishikawa, Ph.D.

● Tokyo University of Agriculture  
and Technology

2017-2019

### Masters in Agriculture

- International Environmental and Agricultural Science
- Thesis: Study on glycan formation in CNS node of Ranvier
- Advisors: Atsushi Nishikawa, Ph.D. and Yoshiko Kawabata, Ph.D.

● Visayas State University

2011-2016

### BS in Chemistry

- Class Valedictorian, *Magna Cum Laude*
- Thesis: Alpha-glucosidase inhibitory activity and fractionation of bioactive compounds from *C. sappan* in the Philippines
- Advisor: Ma. Theresa P. Loreto, Ph.D.

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## WORK EXPERIENCE

● Visayas State University  
Baybay City

Leyte, Philippines

Jan 2017 - February 2023

### Instructor - Department of Biotechnology

- Taught laboratory and lecture classes in computational biotechnology, and lecture classes in bioprocess introduction

### Affiliate - Advanced Research and Innovation Center

- Study leader for two projects entitled "Bioactivity and Molecular Characterization of Lead Compounds from Candidate Antidiabetic Indigenous Plants" and "Nanomaterial-encapsulated Microbial Inoculant as Tuber Sett Coating to Enhance Growth, Yield and Micronutrient Uptake of Purple Yam"
- Component leader of one project entitled "Identification and Isolation of fungus from the infected wild population and inoculation in Aquilaria-based agroecological production systems to induce agarwood formation"



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