

DATE OF BIRTH: Mar 30, 1996

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AMMARIN IN-ON

Address

Bioinformatics & Systems Biology Program, King Mongkut's University of Technology Thonburi (Bang Khun Thian Campus), Bang Khun Thian, Bangkok 10150, Thailand

Languages

Thai

Fair in English

Skills

- Complex problem solver
- Critical thinking
- Flexibility
- Attention to detail
- Fast learning
- Computer skills: Windows, UNIX
- Programming skills: R, Python, Perl, MySQL (fair)
- Laboratory skills: Microbiology, Molecular biology

Special Skills

- Data analysis
- NGS preprocessing and analysis
- Transcriptomics analysis
- Gene regulatory network reconstruction
- Metagenomics analysis
- Genome functional annotation

Education

2018-2020 M.Sc. in Bioinformatics & Systems Biology Program, King Mongkut's University of Technology Thonburi, Thailand

2014-2017 B.Sc. in Microbiology, Department of Biology, Faculty of Science, Chiang Mai University, Thailand

Experience

2017

-Two months internship at Bioinformatics & Systems Biology Program, King Mongkut's University of Technology Thonburi, The mini-project: Functional study of cyanobacterial genes via network re-construction and analysis

-Metagenomics workshop, KMUTT, Bangkok, Thailand By Prof. Gianni Panagiotou and Dr. Jun Li

2019

-Metagenomics workshop (Staff), KMUTT, Bangkok, Thailand

-Synthetic biology workshop, The exchange program administered by Japan Science and Technology Agency at Saitama University (Sakura Science Club)

-Master's degree thesis: Reconstruction of gene regulatory network that links light conditions to morphological development and secondary metabolite production in *Cordyceps militaris*

Scholarships

Two years full Scholarship from the petchra pra jom kiao scholarship for Master's degree (2018-2020), KMUTT

Publications:

1. Subta, P.; Yodsuwan, P.; Yongsawas, R.; In-on, A.; Warrit, N.; Panha, S.; Khongphinitbunjong, K.; Chantawannakul, P.; Attasopa, K.; Disayathanoowat, T. **Bacterial Communities in Three Parts of Intestinal Tracts of Carpenter Bees (*Xylocopa tenuiscapa*)**. *Insects* **2020**, *11*, 497.
2. Yongsawas, R.; Chaimanee, V.; Pettis, J.S.; Boncristiani Junior, H.F.; Lopez, D.; In-on, A.; Chantawannakul, P.; Disayathanoowat, T. **Impact of Sacbrood Virus on Larval Microbiome of *Apis mellifera* and *Apis cerana***. *Insects* **2020**, *11*, 439.