

# AMMARIN IN-ON

**DATE OF BIRTH:** Mar 30, 1996

**ADDRESS:**

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

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**EDUCATION:**

2018-2022 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

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

**TRAINING WORKSHOP**

Nov 23- 25, 2017

Metagenomics Workshop, KMUTT, Bangkok, Thailand

By Prof. Gianni Panagiotou and Dr. Jun Li

**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*
- 2020 - Assistant researcher at Siriraj Metabolomics and Phenomics Center (SiMPC), 10th fl, Sri Savarindira Building Faculty of Medicine Siriraj Hospital, Mahidol University

**SKILLS**

- NGS preprocessing and analysis
- Transcriptomics analysis
- Gene regulatory network reconstruction
- Metagenomics analysis
- Genome assembly and functional annotation
- Programming skill: R, Python, Perl, Unix

**LANGUAGE**      **Thai**, Fair in English

**PUBLICATIONS:**

1. **In-on, A.**, Thananusak, R., Ruengjitchatchawalya, M., Vongsangnak, W., & Laomettachtit, T. (2022). Construction of Light-Responsive Gene Regulatory Network for Growth, Development and Secondary Metabolite Production in *Cordyceps militaris*. *Biology*, 11(1), 71.
2. Suwannarach, N., Kumla, J., **In-on, A.**, & Lumyong, S. (2021). Soil Metabarcoding Offers a New Tool for the Investigation and Hunting of Truffles in Northern Thailand. *Journal of Fungi*, 7(4), 293.
3. 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.

4. 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.