

RESEARCHER PROFILE

Name Jantima
Last name Teeka
Academic Position Assistant Professor
Faculty Science and Technology
Major Biology
Research interest Bioplastic, Medical device
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Education	From - To	University name	Country
Doctor	2009-2012	Yamaguchi University	Japan
Master	1997-2002	Khonkaen University	Thailand
Bachelor	1992-1996	Khonkaen University	Thailand

International Publications

- [1] Sunanta Bunmadee, **Jantima Teeka**, Thanasak Lomthong, Dolnapha Kaewpa, Prapatsorn Areesirisuk and Atsawadut Areesirisuk. 2022. Isolation and Identification of a Newly Isolated Lipase-producing Bacteria (*Acinetobacter baumannii* RMUTT3S8-2) from Oily Wastewater Treatment Pond in a Poultry Processing Factory and Its Optimum Lipase Production. *Bioresource Technology Reports*, 20, 101267. (SCOPUS, Q1)
- [2] Thanyarat Naksing, Wutti Rattanavichai, **Jantima Teeka**, Dolnapha Kaewpa, Jednipit Borthong, and Atsawadut Areesirisuk. 2022. Biological Activities and Potential of Organic Banana (*Musa acuminata*) Peel Extract in Enhancing the Immunity of Giant Freshwater Prawn (*Macrobrachium rosenbergii*). *Aquaculture Research*, 1-12. (ISI, Q2)
- [3] Atsawadut Areesirisuk, **Jantima Teeka**, Chutima Rakkitkanphun, Sunanta Bunmadee, Thidarat Samranrit, Sasitorn Khunthong, Dolnapha Kaewpa and Apinan Wanlapa. 2021. Kinetic Model of Commercial Glucose-Affected Growth and Microbial Oil Production of Oleaginous Yeast *Pseudozyma parantarctica* CHC28. *Journal of Microbiology, Biotechnology and Food Sciences*, 11(3), e4080, 1-6. (SCOPUS, Q4)

- [4] Chutima Rakkitkanphun, **Jantima Teeka**, Dolnapa Kaewpa and Atsawut Areesirisuk. 2021. Purification of Biodiesel-Derived Crude Glycerol by Acidification to be Used as a Carbon Source for Microbial Oil Production by Oleaginous Yeast *Pseudozyma parantarctica* CHC28. *Biomass Conversion and Biorefinery*. 1-11. (ISI, Q1)
- [5] Thanyarat Naksing, **Jantima Teeka**, Wutti Rattanavichai, Prapaporn Pongthai, Dolnapa Kaewpa and Atsawut Areesirisuk. 2021. Determination of Bioactive Compounds, Antimicrobial Activity, and the Phytochemistry of the Organic Banana Peel in Thailand. *Bioscience Journal*, 37(e37024), 1-11. (SCOPUS, Q3)
- [6] Thanyarat Naksing, Pratchaya Hatawee, Apinan Wanlapa, Kittikoon Torpol, Chiu-Hsia Chiu, **Jantima Teeka**, Atsawut Areesirisuk. 2019. Thermal Death Evaluation of Multi-Strains Probiotic Inoculant for Shelf-life Prediction. *Malaysian Applied Biology*, 48(4), 147-152. (SCOPUS, Q3)

Research funds

2022

- [1] Fundamental Fund (FF) [grant number: FRB66E0621]: The study of microcarrier fabrication from Polyhydroxyalkanoates as attachment material for meat cultivation in food industry

2020

- [1] National Research Council of Thailand (NRCT) [grant number: ๑๙.๐๑. (๐) (๓๙)/123/2563]: Feasibility Study of Using Electrospun Polyhydroxyalkanoates from *Novosphingobium* sp. THA_AIK7 as Wound Dressing Material

2019

- [1] Plant Genetic Conservation Project Under the Royal Initiation of Her Royal Highness Princess Maha Chakri Sirindhorn (RSPG) : Study of the diversity of pesticide residue-detoxifying bacteria from agricultural field for organic farming cultivation

2018

- [1] National Science Technology and Innovation Policy Office (Talent Mobility) [grant number: CCH120]: Screening of Microorganism capable of Mycotoxin-detoxification for animal feeds industry

2017

[1] National Research Council of Thailand (NRCT) : The study of Polyhydroxyalkanoates (PHA) film extraction from *Novosphingobium* sp. THA_AIK7 by chemical method and feasibility study of using as biomaterials