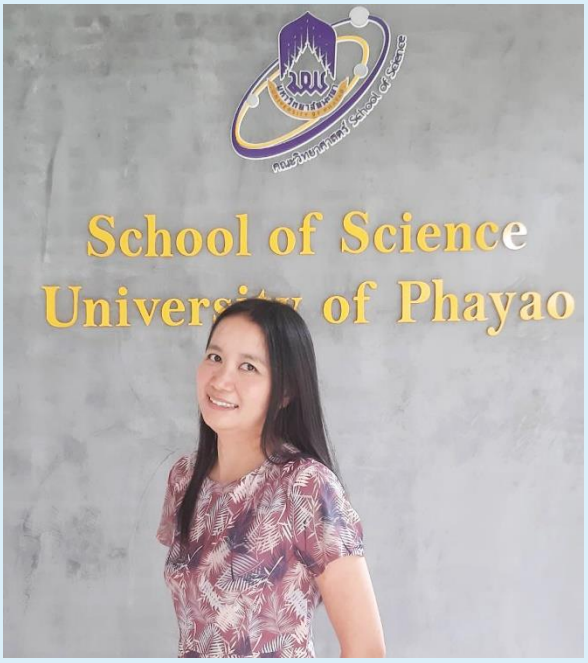
Wipasiri Soonthornchai, PhD.



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Languages

- Thai
- English

Current position

Lecturer at Demonstration School and Program in Biology, Faculty of Science

Skill Highlights

- Immunology
- Molecular Biology
- Transcriptomic
- Bacterial community
- Epigenetics
- Histopathology
- Bacterial infection

Education

- Bachelor of Science (Biology) First Class Honors, Khon Kaen University, Thailand
- Master of Science (Marine Science: Marine Biology), Chulalongkorn University, Thailand
- Doctor of Philosophy (Biotechnology), Chulalongkorn University, Thailand

Publications

1. **Soonthornchai, W.**, Tangtanatakul, P., Meesilpavikkai, K., Dalm, V., Kueanjinda, P., & Wongpiyabovorn, J. (2021). MicroRNA-378a-3p is overexpressed in psoriasis and modulates cell cycle arrest in keratinocytes via targeting BMP2 gene. *Scientific Reports*, 11(1), 1-16.
2. Visitchanakun, P., Tangtanatakul, P., Trithiphen, O., **Soonthornchai, W.**, Wongphoom, J., Tachaboon, S., ... & Leelahavanichkul, A. (2020). Plasma miR-370-3p as a biomarker of sepsis-associated encephalopathy, the transcriptomic profiling analysis of microRNA-arrays from mouse brains. *Shock*, 54(3), 347-357.

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Publications (cont.)

3. **Soonthornchai, W.**, Tangtanatakul, P., Meephansan, J., Ruchusatsawat, K., Reantragoon, R., Hirankarn, N., & Wongpiyabovorn, J. (2019). Down-regulation of miR-155 after treatment with narrow-band UVB and methotrexate associates with apoptosis of keratinocytes in psoriasis. *Asian Pac. J. Allergy Immunol*.
4. Wongpiyabovorn, J., **Soonthornchai, W.**, Wilantho, A., Palasuk, M., Payungporn, S., Sodsai, P., ... & Somboonna, N. (2019). Effect of tarcolimus on skin microbiome in atopic dermatitis. *Allergy*, 74(7), 1400-1406.
5. **Soonthornchai, W.**, Chaiyapechara, S., Klinbunga, S., Thongda, W., Tangphatsornruang, S., Yoocha, T., ... & Jiravanichpaisal, P. (2016). Differentially expressed transcripts in stomach of Penaeus monodon in response to AHPND infection. *Developmental & Comparative Immunology*, 65, 53-63.
6. **Soonthornchai, W.**, Chaiyapechara, S., Jarayabhand, P., Söderhäll, K., & Jiravanichpaisal, P. (2015). Interaction of Vibrio spp. with the inner surface of the digestive tract of Penaeus monodon. *PloS one*, 10(8), e0135783.
7. **Soonthornchai, W.**, Rungrassamee, W., Karoonuthaisiri, N., Jarayabhand, P., Klinbunga, S., Söderhäll, K., & Jiravanichpaisal, P. (2010). Expression of immune-related genes in the digestive organ of shrimp, Penaeus monodon, after an oral infection by Vibrio harveyi. *Developmental & Comparative Immunology*, 34(1), 19-28.