



Biography

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Dr. Pimonsri Mittraparp-arthorn got a degree in Microbiology (2nd class honors) at the Faculty of Science and a Ph.D. in Biomedical Sciences at the Faculty of Medicine, Prince of Songkla University (PSU). She was a visiting researcher during her doctoral study at the Department of Molecular Microbiology and Immunology, Harvard Medical School, Boston, USA in 2007. Currently, she works as an Associate Dean for Research and Innovation, Faculty of Science, Prince of Songkla University and an Assistant Professor at the Division of Biological Science. One of the long-term research objectives of her research is to understand the biochemical and molecular events that characterize the persistent of luminous bacterium *Vibrio campbellii* in the environments, especially in the shrimp aquaculture ecosystems. Her recent investigations have focused on the events characterizing the mechanisms underlying growth, survival, bioluminescence, quorum sensing, virulence, and biocontrol of this luminous pathogen, while at the same time extended her work to the study of the molecular evolution of other pathogenic *Vibrio* species, including *V. parahaemolyticus* and *V. cholerae*. In 2018, she was one of the organizing committees of the 52nd conference on Cholera and Other Bacterial Enteric Infections which was an annual US-Japan Joint Conference. She has experience in supervising 1 Post-Doctoral, 4 Ph.D. and 10 M.Sc. students. In 2019, she was awarded by the University, received the PSU Outstanding Young Alumni Award and PSU Outstanding Faculty Award.