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Vice President for Administration,

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Affiliation

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1. Education

Degree	Program	Institution	Year
Ph.D	Genetic Engineering	Kasetsart University	2004
M.Sc	Fisheries Science	Kasetsart University	1999
B.Sc.	Fisheries	Maejo University	1995

* Postdoctoral Fellowship, National Center for Genetic Engineering and Biotechnology (BIOTEC) 2547-2548

2. Professional experience

Position	Institution	Year
Acting Vice-President	Walailak University	10 Dec 2021 – Present
Vice-President for Administration	Walailak University	24 Dec 2017 – 9 Dec 2021
Associate Professor, School of Agricultural Technology and food Industry,	Walailak University	2018 - Present
Acting Director of the Center for Scientific and Technological Equipment	Walailak University	2017
Committee of Walailak University Council (representing faculties)	Walailak University	2016

Committee of Walailak University Council (representing the academic council)	Walailak University	2015
Dean of School of Agricultural Technology and food Industry	Walailak University	2012 - 2016
Head of Center of Excellence for Shrimps		2008 - 2016
Associate Professor School of Agriculture,		2008 - 2018
Faculty Exchange under JSPS project	Tokyo University of Marine Science and Technology	2006
Lecturer of School of Agriculture	Walailak University	2005 - 2008
Manager of Analytics Department,	DNA Technology Laboratory, National Center for Genetic Engineering and Biotechnology (BIOTEC), National Science and Technology Development Agency (NSTDA) Thailand	2002 - 2004
Research assistant 2,	National Center for Genetic Engineering and Biotechnology (BIOTEC), National Science and Technology Development Agency (NSTDA) Thailand	1999 - 2002
Research assistant,	Kasetsart University Research and Development Institute, Kasetsart University, Thailand	1996 - 1999

3. Expertise

3.1 Academic

- 1) Molecular genetics of aquatic animals
- 2) Development of aquatic animal breeding
- 3) Genetic marker development
- 4) Study of biodiversity in plants and animals

3.2 Experience in executive positions

- 1) Results-Based Management (RBM)
- 2) Personnel management
- 3) Public procurement management
- 4) Construction contract management
- 5) Management for Higher Performance Organization

4. Research project

- 1) Utilization of Thailand Local Genetic Resources to Develop Novel Farmed fish for Global Market project under collaboration with Japan International Cooperation Agency. (JICA) (2020-2024)
- 2) Development of Aquaculture Technology for Food Security and Food Safety in the Next Generation Project under collaboration with Japan International Cooperation Agency (JICA) (2013-2017)

5. Academic achievements

5.1 Recent publications

- 1) Nifareesa CHEALOH, Sataporn DIREKBUSARAKOM, Piyapong CHOTIPUNTU, Pitchanee JARIYAPONG, Hidehiro KONDO, Ikuo HIRONO, and **Suwit Wuthisuthimethavee**. 2019. RNA sequence analysis of growth-related genes in *Penaeus monodon*. Walailak J Sci & Tech. (In Press)
- 2) Phoosamran, K., Direkbusarakom, S., Chotipuntu, P., Hirono, I., Unajak, S., Summpunn, P. and **Wuthisuthimethavee, S.** 2017. Identification and Expression of Vitellogenin Gene in Polychaetes (*Perinereis* sp.) *Journal of Fisheries and Environment*, 41(1): 1–11.
- 3) Piyapong CHOTIPUNTU, **Suwit Wuthisuthimethavee**, Sataporn DIREKBUSARAKOM. 2015. Decontamination of Monodon Baculovirus in Marine Shrimp Eggs using Upwelling Flow-Through System. Walailak J Sci & Tech. 12 (6) : 527-532.
- 4) Pitchanee Jariyapong, Wattana Weerachathanukul, Sataporn Direkbusarakom, Ikuo Hirono, **Suwit Wuthisuthimethavee**, Charoonroj Chotwiwatthanakun. 2015.

Enhancement of shrimp immunity against white spot syndrome virus by *Macrobrachium rosenbergii* nodavirus-like particle encapsulated VP28 double-stranded RNA. *Aquaculture*, 446 :325-332.

- 5) Pitchanee Jariyapong, Charoonroj Chotwiwatthanakun, Sataporn Direkbusarakom, Ikuo Hirono, **Suwit Wuthisuthimethavee**, WattanaWeerachatanukul. 2015. Delivery of double stranded RNA by *Macrobrachium rosenbergii* nodavirus-like particles to protect shrimp from white spot syndrome virus. *Aquaculture*, 435 :86-91.
- 6) Piyapong CHOTIPUNTU, Suwit Wuthisuthimethavee, Sataporn DIREKBUSRAKOM and Satit SONGTUAY. 2013. Reproductive Aspects of SPF *Penaeus monodon* Grown in Closed Culture Captivity. *Walailak Journal of Science and Technology*, 10 (3) :227-236.
- 7) Liu, Q., T. Sakamoto, S. Kubota, N. Okamoto, H. Yamashita, M. Takagi, Y. Shigenobu, T. Sugaya, Y. Nakamura, M. Sano, **S. Wuthisuthimethavee** and A. Ozaki. 2013. A genetic linkage map of kelp grouper (*Epinephelus bruneus*) based on microsatellite markers. *Aquaculture*, 414–415: 63–81.
- 8) **Wuthisuthimethavee S.**, I. Hirono, T. Aoki and A. Tassanakajorn. 2009. Preliminary study of BAC library construction in black tiger shrimp, *Penaeus monodon*. *Walailak J. Sci. & Tech.*, 6 (1): 37-48.
- 9) Pongsomboon S., S. Udomlertpreecha, P. Amparyup, **S. Wuthisuthimethavee**, A. Tassanakajon. 2009. Gene expression and activity of carbonic anhydrase in salinity stressed *Penaeus monodon*. *Comparative Biochemistry and Physiology Part A*, 152: 225–233

5.2 Patent/Petty Patent

- 1) Title of Patent/Petty Patent: 8126 – Food formula for Sand worm (*Perinereis nuntia*)
Grantee: Asst. Prof. Dr. Sataporn Direkbusarakom, Associate Prof. Dr. Suwit Wuthisuthimethavee, Mr. Satit Song-Tuay
- 2) Invention: Food for shrimp breeder
Inventor: Asst. Prof. Dr. Sataporn Direkbusarakom, Associate Prof. Dr. Suwit Wuthisuthimethavee
- 3) Invention: Immunostimulant
Inventor: Asst. Prof. Dr. Sataporn Direkbusarakom, Associate Prof. Dr. Suwit Wuthisuthimethavee, Ms. Sudarat Saengngern, Ms. Masthura Labaiden

5.3 Book/ Textbook

- 1) **Book title:** EMS Understanding and Seeking Solutions for EMS

Author: Asst. Prof. Dr. Sataporn Direkbusarakom, Associate Prof. Dr. Suwit Wuthisuthimethavee, Asst. Prof. Dr. Piyapong Chotipuntu, Asst. Prof. Dr. Noppawan Chimsung

Publisher: Center of Excellence for Shrimps, Walailak University

- 2) **Book title:** Development of Domestic Shrimp specie: Lifeline for Thai Shrimp Industry

Author: Asst. Prof. Dr. Piyapong Chotipuntu, Associate Prof. Dr. Suwit Wuthisuthimethavee, Asst. Prof. Dr. Sataporn Direkbusarakom, Asst. Prof. Dr. Noppawan Chimsung

Publisher: Center of Excellence for Shrimps, Walailak University