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Experience

2011 - Present Lecturer Mahidol University Nakhonsawan Campus

Publication

Tinikul, Y., Tinikul, R., **Poljaroen, J.**, Sobhon, P., 2022. Differential expression of neuropeptide F during embryogenesis, and its promoting effect on embryonic development of the freshwater prawn, *Macrobrachium rosenbergii* Aquaculture 555, art. no. 738260 IF=5.135 (JCR 2021)

Sroyraya, M., Songkoomkrong, S., Changklungmoa, N., **Poljaroen, J.**, Weerakiet, S., Sophonsritsuk, A., Wongkularb, A., Lertvikool, S., Tingthanatikul, Y., Sobhon, P., 2018. Differential expressions of estrogen and progesterone receptors in endometria and cyst walls of ovarian endometrioma from women with endometriosis and their responses to depo-medroxyprogesterone acetate treatment. *Molecular and Cellular Probes*. 40: 27-36 IF=2.365 (JCR 2021)

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Nobsathian, S., Tuchinda, P., Sobhon, P., Tinikul, Y., **Poljaroen, J.**, Tinikul, R., Sroyraya, M., Poomton, T., Chaichotranunt, S., 2017. An antioxidant activity of the whole body of *Holothuria scabra*. *Chemical and Biological Technologies in Agriculture* 4(1),4 IF=4.839 (JCR 2021)

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Tinikul, Y., **Poljaroen, J.**, Tinikul, R., Chotwivatthanakun, C., Anuracpreeda, P., Hanna, P.J., Sobhon, P., 2015. Alterations in the levels and distribution of octopamine in the central nervous system and ovary of the Pacific white shrimp, *Litopenaeus vannamei*, and its possible role in ovarian development *General and Comparative Endocrinology* 210: 12-22. IF=3.255 (JCR 2021)

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EXPERTISE

- Morphological and biochemical alteration of germ cells during development in crustacean
- Hormonal regulation of growth and reproductive development in decapod crustacean
- Hormonal control for feeding and reproduction of neuropeptide in decapod crustacean
- Stem cell in endometrium



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Siangcham T., Tinikul Y., **Poljaroen J.**, Sroyraya M., Changklungmoa N., Phoungpetchara I., Kankoun W., Sumpownon C., Wanichanon C., Hanna P.J., Sobhon P., 2013. The effects of serotonin, dopamine, gonadotropin-releasing hormones, and corazonin, on the androgenic gland of the giant freshwater prawn, *Macrobrachium rosenbergii*. *General and Comparative Endocrinology* 193: 10-18. IF=3.255 (JCR 2021)

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Tinikul Y., **Poljaroen J.**, Nuurai P., Anuracpreeda P., Chotwiwatthanakun C., Phoungpetchara, I., Kornthong, N., Poomtong, T., Hanna P., Sobhon, P., 2011. Existence and distribution of gonadotropin-releasing hormone-like peptides in the central nervous system and ovary in the Pacific white shrimp, *Litopenaeus vannamei*. *Cell and Tissue Research* 343: 579-593. IF= 5.249 (JCR 2021)

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