



Miss. Supawadee Duangprom

E-mail

Su.duangprom@gmail.com

supduang@tu.ac.th

Tel

+66876261582

Citizenship

Thai

Position

Lecturer, Chalabhorn International College
of Medicine, Thammasat University

Education

2006-2010

BSc. (Medical sciences), Faculty of Medical Sciences, Naresuan
University

2012-2014

MSc. (Anatomy and Structural biology),
Anatomy department, Faculty of science, Mahidol University,
Thailand

2019-Now

Stem Cell and Molecular Biology, Faculty of Medicine, Thammasat
University

Job experiences

Researcher assistant, Center of Excellence in Shrimp Molecular
Biology and Biotechnology, Mahidol University,
Thailand

Teaching experiences

2013-2014

Gross anatomy, Basic anatomy for second year
medical students, paramedic student, Faculty of sciences, Mahidol
university

2015-Now

Gross anatomy, Histology, Development and Neuroanatomy for
second year medical students, Chulabhorn International College of
Medicine

Research interests	Cell structure and biological functions, molecular biology in reproduction and diseases
Research experiences	<ol style="list-style-type: none"> 1. Anatomical organization of the central nervous system and gonad in crustaceans 2. Molecular cloning, characterization, and expression of reproductive genes and protein 3. Application of biotechnology in the aquatic animals 4. Primary cell culture and isolation of stem cell (Mesenchymal stem cell) and its application
Research skills	RT-PCR, Real time PCR, Cloning, Gene expression, Histology, Immunohistochemistry, Cell culture, In-situ hybridization, protein expression
Publications	<ol style="list-style-type: none"> 1. Saetan, J., Duangprom, S., Songkoomkron, S., Amonruttanapun, P., Phanaksri, T., Surinlert, P., et al. (2023). Potent ovarian development as being stimulated by cocktail hormone in the female <i>Scylla olivacea</i>. <i>Frontiers in Marine Science</i> 10. doi: 10.3389/fmars.2023.1286789. 2. Kruangkum, T., Duangprom, S., Songkoomkron, S., Chotwiwatthanakun, C., Vanichviriyakit, R., Sobhon, P., et al. (2022). Discovery of a hidden form of neuropeptide F and its presence throughout the CNS–gut axis in the mud crab, <i>Scylla olivacea</i>. <i>Frontiers in Marine Science</i> 9. doi: 10.3389/fmars.2022.951648. 3. Duangprom, S., Saetan, J., Phanaksri, T., Songkoomkron, S., Surinlert, P., Tamtin, M., et al. (2022). Acceleration of Ovarian Maturation in the Female Mud Crab With RNA Interference of the Vitellogenesis-Inhibiting Hormone (VIH). <i>Frontiers in Marine Science</i> 9.

4. Saetan J, Kornthong N, **Duangprom S**, Phanthong P, Kruangkum T, Sobhon P. 2021. The oxytocin/vasopressin-like peptide receptor mRNA in the central nervous system and ovary of the blue swimming crab, *Portunus pelagicus*. *Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology* 258: 110983
5. Kornthong N, Saengsuwan J, **Duangprom S**, Songkoomkrong S, Vivattanasarn T, Suwansa-ard S, Manochantr S, et al. The Effect of Sea Cucumber Extract (*Holothuria scabra*) on the Proliferation of Human Placenta Derived Mesenchymal Stromal Cells. *J Med Assoc Thai* 2020;103:24.
6. Nakeima J., Kornthong N., Saetan J., **Duangprom S.**, Sobhona P., Sretarugsaa P. (2019), Presence of serotonin and its receptor in the central nervous system and ovary and molecular cloning of the novel crab serotonin receptor of the blue swimming crab, *Portunus pelagicus.*, *Acta Histochemica*, 122(1), 151457.
7. **Duangprom, S.**, Ampansri, W., Suwansa-ard, S., Chotwiwatthanakun, C., Sobhon, P., Kornthong, N., 2018. Identification and expression of prostaglandin E synthase (PGES) gene in the central nervous system and ovary during ovarian maturation of the female mud crab, *Scylla olivacea*. *Anim. Reprod. Sci.* 198, 220-232.
8. **Duangprom S.**, Kornthong N., Suwansa-ard S., Srikawnawan W., Chotwiwatthanakhun C., Sobhon P. Distribution of crustacean hyperglycemic hormones (CHH) in the mud crab (*Scylla olivacea*) and their differential expression following serotonin stimulation. *Aquaculture*. 2017, 468: 481–488.

Conferences

Supawadee Duangprom, Supawadee Kheowkae, Wilailuk Ampansri, Jutaporn pollawat, Napamanee Kornthong.

The Presence of Prostaglandin E Synthase in the mud crab, *Scylla olivacea*. in Biological Science session in the 35th International Conference of the Microscopy Society of Thailand (MST35), 30 January 2018 – 2 February 2018, Imperial Mae Ping Hotel, Chiang Mai. (Poster Presentation)

Supawadee Duangprom, Wilailuk Ampansri, Saowaros Suwansa-ard, Charoonroj Chotwiwatthanakun, Prasert Sobhone, Napamanee Kornthong. Identification and expression of prostaglandin E synthase (PGES) in the central nervous system and ovary during ovarian maturation in female mud crab, *Scylla olivacea*

. International Journal of Arts and Sciences' (IJAS) academic conference in Freiburg, Germany, December 3 to 6, 2018. (Oral presentation)

Award

Outstanding young researcher award, Thammasat university, 2019

Funding

TU Research scholar 2016 Thammasat University to Supawadee Duangprom