



TAWEE SAIWICHAI

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EDUCATION

2010

MAHIDOL UNIVERSITY
Ph.D. (Tropical Medicine)

2000

**CHULALONGKORN
UNIVERSITY**
M.Sc. (Veterinary Pathobiology)

1997

MAHIDOL UNIVERSITY
B.Sc. (Animal Production
Technology)

EXPERTISE

- Malaria in animal model
- *Plasmodium gallinaceum*
- Mosquito larval control
- Vector borne parasitic diseases

Publications

1. Rahmah, S. A., Jairak, W., Thanee, S., Saedan, A., Mahadthai, P., Novianto, D., **Saiwichai, T.**, Kaneko, O., Pattaradilokrat, S., & Kaewthamasorn, M. (2026). Malaria outbreaks in Humboldt penguins and haemosporidian infections in avian hosts in zoos across Thailand. *Current Research in Parasitology and Vector-Borne Diseases*, 9, Article 100352. <https://doi.org/10.1016/j.crvbd.2026.100352>
2. Rokaya, N., Chaichalotornkul, S., & **Saiwichai, T.** (2025). The Efficacy of *Calendula officinalis* Extract on the Mortality of *Demodex folliculorum*. *Kathmandu University Medical Journal*, 23(92), 407-412.
3. Ly C, Kasemnet C, Nararatwanchai T, **Saiwichai T**, Roongphornchai S, Chaichalotornkul S. The Anatomy Study of the Facial Temporal Region, Age 25–50, in Thai Population Based on Ultrasound Investigation. *Journal of Healthcare and Biomedical Science*. 2025; 3 (2); 1-16 <https://doi.org/10.31098/jhbs.v3i2.3166>
4. Teerawatanapong, K. Chaichalothornkul, S., & **Saiwichai, T.** Efficacy of Home Use Intense Pulsed Light (IPL) for the Improvement of Keratosis Pilaris. *Procedia of Multidisciplinary Research*. 2025;3(3), 41.
5. Denmeca, N., Chaichalotornkul, S., & **Saiwichai, T.** Efficacy of Home-Use Intensive Pulsed Light for Redness of Acne Treatment. *Procedia of Multidisciplinary Research*. 2025; 3(3), 38.
6. Phoo Mon, N., Chaichalotornkul, S., & **Saiwichai, T.** The Efficacy of 2% *Andrographis paniculata* Extract Cream in Reducing Periorbital Wrinkles and Hyperpigmentation. *Procedia of Multidisciplinary Research*. 2025; 3(3), 21.



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7. Kittichai, V., Kaewthamasorn, M., Chaiphongpachara, T., Laojun, S., **Saiwichai, T.**, Naing, K. M., Tongloy, T., Boonsang, S., & Chuwongin, S. (2024). Enhance fashion classification of mosquito vector species via self-supervised vision transformer. *Scientific Reports*, 14(1), Article 31517. <https://doi.org/10.1038/s41598-024-83358-8>
8. **Saiwichai, T.**, Laojun, S., Chaiphongpachara, T., & Sumruayphol, S. (2023). Species Identification of the Major Japanese Encephalitis Vectors within the *Culex vishnui* Subgroup (Diptera: Culicidae) in Thailand Using Geometric Morphometrics and DNA Barcoding. *Insects*, 14(2), Article 131. <https://doi.org/10.3390/insects14020131>
9. Lawsiri C, Nimpoonyagampong T, Bhagaman N, Rintra J, **Saiwichai T**, Chaichalotornkul S. Complementary and alternative medicine combined with symptomatic treatment improves symptoms in COVID-19 patients. *Journal of Health Science and Alternative Medicine*. 2023; 5(03), 10–16. <https://doi.org/10.14456/jhsam.2023.12>
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12. Supornpun, N., Rummaneethorn, P., Nararatwanchai, T., **Saiwichai, T.**, & Chaichalotornkul, S. (2022). Incobotulinum toxin A with a one-year long-lasting effect for trapezius contouring and superior efficacy for the treatment of trapezius myalgia. *Journal of Cutaneous and Aesthetic Surgery*, 15(2), 168-174. https://doi.org/10.4103/JCAS.JCAS_68_21
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17. Kunching, S., Kurotschka, W., Nararatwanchai, T., Onnom, E., & **Saiwichai, T.** (2018). The effects of continuous aerobic training versus weight training with high-intensity intermittent exercise on physical performance, hormonal responses, and psychological fitness in Thai military. *Songklanakarin Journal of Science and Technology*, 40(5), 1144-1151. <https://doi.org/10.14456/sjst-psu.2018.141>
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21. Kumnuan, R., Pattaradilokrat, S., Chumpolbanchorn, K., Pimnon, S., Narkpinit, S., Harnyuttanakorn, P., & **Saiwichai, T.** (2013). In vivo transmission blocking activities of artesunate on the avian malaria parasite *Plasmodium gallinaceum*. *Veterinary Parasitology*, 197(3-4), 447-454. <https://doi.org/10.1016/j.vetpar.2013.07.024>



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22. Chaichalotornkul, S., Suvitayavat, W., Sangalangarn, V., Nawa, Y., Kikuchi, K., Kawahara, K., **Saiwichai, T.**, Narkpinit, S., Singhasivanon, P., Maruyama, I., & Tancharoen, S. (2012). Inhibition of HMGB1 translocation by green tea extract in rats exposed to environmental tobacco smoke. *EnvironmentAsia*, 5(1), 70-76.
23. **Saiwichai, T.**, Sangalangarn, V., Kawahara, K. I., Oyama, Y., Chaichalotornkul, S., Narkpinit, S., Harnyuttanakorn, P., Singhasivanon, P., Maruyama, I., & Tancharoen, S. (2010). Green tea extract supplement inhibition of HMGB1 release in rats exposed to cigarette smoke. *Southeast Asian Journal of Tropical Medicine and Public Health*, 41(1), 250-258.
24. **Tawee Saiwichai**, Montree Maneepak, Pucharee Songprakhon, Pongchai Harnyuttanakorn and Suwannee Nithiuthai. Nested PCR Detecting *Plasmodium gallinaceum* in Chicken Fresh Blood. *The Journal of Tropical Medicine and Parasitology*. 2009;32(2):75-81.
25. Pucharee Songprakhon, **Tawee Saiwichai**, Pongchai Harnyuttanakorn, Suwannee Nithiuthai. *Plasmodium gallinaceum*: Specifically Recognized Antigens by Infected Sera. *The Journal of Tropical Medicine and Parasitology*. 2009;32(1):17-22.
26. **Tawee Saiwichai**, Sirintip Chaichalotornkul. Dog Heart Worm: Silent Epidemic for Urban Population. *Journal of Public Health*. 2008;38(1):92-107.
27. **Tawee Saiwichai**, Pongchai Harnyuttanakorn, Suwannee Nithiuthai. A simple method for isolation of *Plasmodium gallinaceum* from infected chicken red blood cells. *The Journal of Tropical Medicine and Parasitology* 2007;30(1):24-28.



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28. **Tawee Saiwichai**, Pongchai Harnyuttanakorn, Woraporn Sukhumavasi, Prayute Buddhirakkul, Adisak Bhumiratana, Jirasak Rojanapremsuk, Suwannee Nithiuthai. Diagnosis of *Plasmodium gallinaceum* in infected mosquitoes by multiplex PCR. The Journal of Tropical Medicine and Parasitology. 2007;30(2):76-80.

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