



WANARIT JITSAMAI

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EDUCATION

2011
CHULALONGKORN
UNIVERSITY
Ph.D. (Veterinary Pathobiology)

2004
CHULALONGKORN
UNIVERSITY
D.V.M.

EXPERTISE

- Soil-transmitted helminths
- Animal hookworms
- Zoonotic filariasis
- Zoonotic parasitic diseases

Publications

1. Islam, S. I., Hamad, M. H., **Jitsamai, W.**, Rodkhum, C., & Taweethavonsawat, P. (2024). Genetic Diversity and Population Dynamics of *Clinostomum* spp. Using Comprehensive Bioinformatics Approaches. *Veterinary Medicine International*, 2024, Article 6924523. <https://doi.org/10.1155/vmi/6924523>
2. Hamad, M. H., Islam, S. I., **Jitsamai, W.**, Chinkangsadarn, T., Naraporn, D., Ouisuwan, S., & Taweethavonsawat, P. (2024). Metabarcoding study to reveal the structural community of strongylid nematodes in domesticated horses in Thailand. *BMC Veterinary Research*, 20(1), Article 70. <https://doi.org/10.1186/s12917-024-03934-y>
3. Taweethavonsawat, P., Singh, M. N., Kesdangsakonwut, S., **Jitsamai, W.**, Sonia, C., & Phupolpan, C. (2024). Molecular detection and characterization of *Histomonas meleagridis* in fighting cocks Thailand. *Thai Journal of Veterinary Medicine*, 54(3). <https://doi.org/10.56808/2985-1130.3740>
4. **Jitsamai, W.**, Kamkong, P., Traub, R. J., & Taweethavonsawat, P. (2024). New insight into genetic diversity of zoonotic-potential *Ancylostoma ceylanicum* in stray cats living in Bangkok, Thailand, based on deep amplicon sequencing. *Zoonoses and Public Health*, 71(3), 236-247. <https://doi.org/10.1111/zph.13102>
5. Hamad, M. H., Islam, S. I., **Jitsamai, W.**, Chinkangsadarn, T., Naraporn, D., Ouisuwan, S., & Taweethavonsawat, P. (2024). Patterns of Equine Small *Strongyle* Species Infection after Ivermectin Intervention in Thailand: Egg Reappearance Period and Nemabiome Metabarcoding Approach. *Animals*, 14(4), Article 574. <https://doi.org/10.3390/ani14040574>
6. Hamad, M. H., **Jitsamai, W.**, Chinkangsadarn, T., Ngangam, T. S., Wattanapornpilom, T., Naraporn, D., Ouisuwan, S., & Taweethavonsawat, P. (2024). Prevalence, risk factors, and species diversity of strongylid nematodes in domesticated Thai horses: insights from ITS-2 rDNA metabarcoding. *Parasitology Research*, 123(12), Article 410. <https://doi.org/10.1007/s00436-024-08438-0>



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7. Asawakarn, S., Pimpin, A., Jeamsaksiri, W., Sripumkhai, W., **Jitsamai, W.**, Taweethavonsawat, P., & Piyaviriyakul, P. (2023). Application of a novel rectangular filtering microfluidic device for microfilarial detection. *Frontiers in Veterinary Science*, 9, Article 1048131. <https://doi.org/10.3389/fvets.2022.1048131>
8. Kamkong, P., **Jitsamai, W.**, Thongmeesee, K., Ratthawongjirakul, P., & Taweethavonsawat, P. (2023). Genetic diversity and characterization of *Wolbachia* endosymbiont in canine filariasis. *Acta Tropica*, 246, Article 107000. <https://doi.org/10.1016/j.actatropica.2023.107000>
9. Taweethavonsawat, P., Rattanapinyopituk, K., Tachampa, K., Kiertkittikhon, S., **Jitsamai, W.**, Klomkleaw, W., Choisunirachon, N., & Komin, K. (2022). Case report: Thromboembolic heartworm induced lower limb necrosis in a dog. *Frontiers in Veterinary Science*, 9, Article 868115. <https://doi.org/10.3389/fvets.2022.868115>
10. **Jitsamai, W.**, Kesdangsakonwut, S., Srirat, T., & Taweethavonsawat, P. (2021). Case Report: Molecular and Pathological Investigations of Zoonotic *Anatrichosoma* Spp.-Induced Ulcerative Pododermatitis in a Domestic Cat in Thailand. *Frontiers in Veterinary Science*, 8, Article 759814. <https://doi.org/10.3389/fvets.2021.759814>
11. **Jitsamai, W.**, Kamkong, P., Asawakarn, S., & Taweethavonsawat, P. (2021). Emergence of *Dirofilaria repens* (Spirurida: Onchocercidae) in dogs in Eastern Thailand. *Veterinary World*, 14(11), 2851-2854. <https://doi.org/10.14202/vetworld.2021.2851-2854>
12. **Jitsamai, W.**, Khruengkham, N., Hunprasit, V., Chandrashekar, R., Bowman, D., & Sukhumavasi, W. (2021). Prevalence of endoparasitic and viral infections in client-owned cats in metropolitan Bangkok, Thailand, and the risk factors associated with feline hookworm infections. *Veterinary Parasitology: Regional Studies and Reports*, 25, Article 100584. <https://doi.org/10.1016/j.vprsr.2021.100584>



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13. **Jitsamai, W.**, Piromkij, P., Kamkong, P., Chungpivat, S., & Taweethavonsawat, P. (2021). Seasonal distribution and environmental parameters associated with *Brugia pahangi* and *Dirofilaria immitis* in naturally infected dogs in Bangkok and vicinity, Thailand. Scientific Reports, 11(1), Article 4594. <https://doi.org/10.1038/s41598-021-84215-8>

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