



SAHATCHAI TANGTRONGSUP

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ACADEMIC POSITION:

Assistant Professor

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CONTACT :

Division of Small Animal Clinic
Department of Companion Animal and Wildlife Clinic

RESEARCH INTERESTS:

- BIOINFORMATICS OF INFECTIOUS DISEASES
- MOLECULAR GENETICS, PHYLOGENETIC ANALYSIS, MICROBIOMES
- MOLECULAR EPIDEMIOLOGY OF GIARDIA AND CRYPTOSPORIDIUM IN DOGS AND CATS
- EPIDEMIOLOGY OF VECTOR-BORNE DISEASES COMPANION ANIMALS AND WILDLIFE
- EPIDEMIOLOGY OF INFECTIOUS DISEASES OF DOGS AND CATS
- NOVEL THERAPEUTICS FOR KIDNEY DISEASES IN DOGS AND CATS
- ANTIMICROBIAL DRUG RESISTANT BACTERIA IN URINARY TRACT INFECTIONS OF DOGS AND CATS

EDUCATION

**Diplomate, Thai Board of Veterinary Medicine (DTBVM),
Veterinary Council of Thailand**

Colorado State University, Fort Collins, CO, USA.

PH.D. (CLINICAL SCIENCES)

Mahidol University, Bangkok, Thailand

M.SC. (PHYSIOLOGY)

Chulalongkorn University, Bangkok, Thailand

D.V.M.

MOST RECENT PUBLICATIONS :

1. Nambooppha B, Rittipornlertrak A, Muenthaisong A, Koonyosying P, **Tangtrongsup S**, Tiwananthagorn S, Chung YT, Sthitmatee N. Effect of GPI9 Peptide Hyperimmune Antiserum on Activated Macrophage during Ehrlichia canis Infection in Canine Macrophage-like Cells. *Animals*. 2021 *Animals* 2021; 11(8), 2310. <https://doi.org/10.3390/ani11082310>.
2. Amphaiphon C, Yano T, Som-in M, Kungwong P, Wongsawan K, Pusoonthornthum R, Salman MD, **Tangtrongsup S**. Antimicrobial drug resistance profile of isolated bacteria in dogs and cats with urologic problems at Chiang Mai University Veterinary Teaching Hospital, Thailand (2012-2016). *Zoonoses and Public Health*. 2021; 00: 1-12. <https://doi.org/10.1111/zph.12832>.
3. Kladkempetch D, **Tangtrongsup S**, Tiwananthagorn S. Ancylostoma ceylanicum: The Neglected Zoonotic Parasite of Community Dogs in Thailand and Its Genetic Diversity among Asian Countries. *Animals* (2020) 10(11), 2154. <https://doi.org/10.3390/ani10112154>.
4. Nguyen VL, Colella V, Greco G, Fang F, Nurcahyo W, Hadi UK, Venturina V, Tong KBY, Tsai YL, Taweethavonawatt P, Tiwananthagorn S, **Tangtrongsup S**, Le TQ, Bui KL, Do T, Watanabe M, Rani PAMA, Dantas-Torres F, Halos L, Beugnet F, Otranto D. Molecular detection of pathogens in ticks and fleas collected from companion dogs and cats in East and Southeast Asia. *Parasites Vectors* (2020) 13:420. <https://doi.org/10.1186/s13071-020-04288-8>.
5. Piyaungsri K, **Tangtrongsup S**, Thongtharb A, Sodarat C, Bussayapalakorn K. The risk factors of having infected feline leukemia virus or feline immunodeficiency virus for feline naturally occurring chronic kidney disease. *Veterinary Integrative Sciences*. 2020;18(2): 119-131. <https://he02.tci-thaijo.org/index.php/vis/article/download/240441/164333>.
6. Piyaungsri K, **Tangtrongsup S**, Thitaram N, Lekklar P, Kittinuntasilp A. Prevalence and risk factors of feline lower urinary tract disease in Chiang Mai, Thailand. *Scientific Reports*. 2020; 10(1):196. <https://doi.org/10.1038/s41598-019-56968-w>.
7. Wongsawan K, Chaisri W, **Tangtrongsup S**, Mektrirat R. Bactericidal effect of clove oil against multidrug-resistant Streptococcus suis isolated from human patients and slaughtered pigs. *Pathogens*. 2020; 9:14. <https://dx.doi.org/10.3390%2Fpathogens9010014>.
8. **Tangtrongsup S**, Scorza AV, Reif JS, Ballweber LR, Lappin MR, Salman MD. Seasonal distributions and other risk factors for Giardia duodenalis and Cryptosporidium spp. infections in dogs and cats in Chiang Mai, Thailand. *Prev Vet Med*. 2020; 174:104820. <https://doi.org/10.1016/j.prevetmed.2019.104820>.
9. Pichetworakoon S, Tiwananthagorn S, Suriyasathaporn W, **Tangtrongsup S**. Prevalence and risks associated with Giardia duodenalis in dairy cattle in Chiang Mai, Lamphun and Lampang provinces, Thailand *Thai J Vet Med*. 2020. 50(Suppl.): 224-226.
10. Kladkempetch D, Pila P, Srilawonno B, **Tangtrongsup S**, Thongkorn K, Srifawattana N, Tiwananthagorn S. Molecular identification of hookworm in community dogs and cats in Upper Northern Thailand. *Thai J Vet Med*. 2020. 50(Suppl.): 123-125.
11. Tinkruejeena G, Meesaimongkon P, **Tangtrongsup S**, Thitaram N, Srifawattana N, Beugnet F, Tiwananthagorn S. Comparative efficacy of afoxolaner and ivermectin in dogs naturally infested with Rhipicephalus sanguineus sensu lato: A clinical field study conducted in Thailand. *Veterinary Parasitology: Regional Studies and Reports*. 2019; 18:100340. <https://doi.org/10.1016/j.vprsr.2019.100340>.
12. **Tangtrongsup S**, Sripakdee D, Malaivijitnond S, Angkuratipakorn R, Lappin M. Intestinal parasites and the occurrence of zoonotic giardia duodenalis genotype in captive gibbons at Krabokkoo Wildlife Breeding Center, Thailand. *Frontier in Veterinary Sciences*. 2019; 6:110. <https://doi.org/10.3389/fvets.2019.00110>.
13. Yano T, Premasathira S, Dejyong T, **Tangtrongsup S**, Salman MD. The effectiveness of a foot and mouth disease outbreak control programme in Thailand 2008-2015: Case studies and lessons learned. *Vet Sci*. 2018; 5(4), 101. <https://doi.org/10.3390/vetsci5040101>.
14. Nambooppha B, Rittipornlertrak A, Tattiyapong M, **Tangtrongsup S**, Tiwananthagorn S, Chung YT, Sthitmatee N. Two different genogroups of Ehrlichia canis from dogs in Thailand using immunodominant protein genes. *Infect Genet Evol*. 2018; 63: 116-125. <https://doi.org/10.1016/j.meegid.2018.05.027>