



## SARUDA TIWANANTHAGORN

### ศรุดา ทิวนันท์ภกร

#### ACADEMIC POSITION:

Associate Professor

#### E-MAIL:

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#### CONTACT :

Division of Veterinary Paraclinical Sciences  
Department of Veterinary Bioscience  
and Veterinary Public Health

#### RESEARCH INTERESTS:

- DIAGNOSIS
- TREATMENT AND PREVENTIVE MEDICINE OF PARASITIC DISEASES
- ANTI-PARASITIC DRUG EFFICACY TEST

#### EDUCATION

**Diplomate, Thai Board of Veterinary Pathology (DTBVP),**  
VETERINARY COUNCIL OF THAILAND

**Obihiro University of Agriculture and Veterinary Medicine,**  
**Hokkaido, Japan**  
JSPS POST-DOC. RESEARCHER

**Hokkaido University, Hokkaido, Japan**  
PH.D. (VETERINARY PARASITOLOGY)

**Obihiro University of Agriculture and Veterinary Medicine,**  
**Hokkaido, Japan**  
DIPLOMA IN PROTOZOAN DISEASES (MOLECULAR DIAGNOSIS)

**Chulalongkorn University, Bangkok, Thailand**  
D.V.M. (SECOND CLASS HONORS)

#### MOST RECENT PUBLICATIONS :

1. Kamyinkird K, Chalermwong P, Inpankaew T, Ngasaman R, Tattiyapong M, **Tiwananthagorn S**, Chimnoi W, Choocherd S, Kengradomkij C, Klinkaew N, Desquesnes M. Isolation and in vitro cultivation of *Trypanosoma evansi* Thai strains. *Exp Parasitol.* 2022 Aug;239:108289. doi: 10.1016/j.exppara.2022.108289.
2. Sukhumavasi W, Kaewamatawong T, Somboonpoonpol N, Jiratanh M, Wattanamethanon J, Kaewthamasorn M, Leelayoova S, **Tiwananthagorn S**. Liver- and Spleen-Specific Immune Responses in Experimental *Leishmania martiniquensis* Infection in BALB/c Mice. *Front Vet Sci.* 2021 Dec 17;8:794024. doi: 10.3389/fvets.2021.794024.
3. Prompetch T, Chailorm A, **Tiwananthagorn S**, Buranapim N, Okonogi S, Kato H, Katip W, Mektrirat R. Preclinical Evaluations of Modified Rice Hydrogel for Topical Ophthalmic Drug Delivery of Praziquantel on Avian Philophthalmiasis. *Pharmaceutics.* 2021 Jun 24;13(7):952. doi: 10.3390/pharmaceutics13070952.
4. Kaikuntod M, Arjkumpa O, Kladkempetch D, Fukumoto S, Thongkorn K, Boonyapakorn C, Punyapornwithaya V, **Tiwananthagorn S**. Geographic Spatial Distribution Patterns of *Dirofilaria immitis* and *Brugia pahangi* Infection in Community Dogs in Chiang Mai, Thailand. *Animals (Basel).* 2020 Dec 26;11(1):33. doi: 10.3390/ani11010033.
5. 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 (Basel).* 2020 Nov 19;10(11):2154. doi: 10.3390/ani10112154.
6. Nguyen VL, Colella V, Greco G, Fang F, Nurcahyo W, Hadi UK, Venturina V, Tong KBY, Tsai YL, Taweethavonsawat 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. *Parasit Vectors.* 2020;13(1):420. doi:10.1186/s13071-020-04288-8
7. Colella V, Nguyen VL, Tan DY, Lu N, Fang F, Zhijuan Y, Wang J, Liu X, Chen X, Dong J, Nurcahyo W, Hadi UK, Venturina V, Tong KBY, Tsai YL, Taweethavonsawat P, **Tiwananthagorn S**, Le TQ, Bui KL, Watanabe M, Rani PAMA, Annoscia G, Beugnet F, Otranto D, Halos L. Zoonotic Vector borne Pathogens and Ectoparasites of Dogs and Cats in Eastern and Southeast Asia. *Emerg Infect Dis.* 2020;26(6):1221-1233. doi:10.3201/eid2606.191832
8. Loearng V., Ichikawa-Seki, M., Wannasan, A., Sothyra, T., Chaisowwong, W., **Tiwananthagorn, S**. Genetic Characterization of Cambodian *Fasciola gigantica* and Dispersal Direction of the Species in Asia. (2019) *Veterinary Parasitology*, 273, 45-51.
9. **Tiwananthagorn, S.**, Srivorakul, S., Khochakul, V., Pringproa, K. Biliary cystadenoma associated with *Opisthorchis viverrini* infection in a domestic cat (*Felis catus*). (2018) *Veterinary Parasitology*, 258, pp. 138-141.
10. **Tiwananthagorn S.**, Hiroto K., Yeewa, R., Muengpan A., Polseela, R. Leelayoova S. Comparison of LAMP and PCR for molecular mass screening of sand flies for *Leishmania martiniquensis* infection. *Mem Inst Oswaldo Cruz.* 2017. 112(2): 1-8.