



KRIANGKRAI THONGKORN

เกรียงไกร ทองก้อน

ACADEMIC POSITION:

Assistant Professor

E-MAIL:

KRIANGKRAI.TH@CMU.AC.TH

CONTACT :

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

RESEARCH INTERESTS:

- SMALL ANIMAL DENTISTRY
- BIOMATERIALS
- MAXILLOFACIAL SURGERY IN SMALL ANIMAL

EDUCATION

**Diplomate, Thai Board of Veterinary Surgery (DTBVS),
Veterinary Council of Thailand**

Free University of Berlin, Berlin, Germany
DR.MED.VET.

Chiang Mai University, Chiang Mai, Thailand
M.S. (HEALTH SCIENCE)

Khon Kaen University, Khon Kaen, Thailand
D.V.M.

MOST RECENT PUBLICATIONS :

1. Tanongpitchayes, K.; Random, C.; Lamkhao, S.; Chokethawai, K.; Rujijanagul, G.; Na Lampang, K.; Somrup, L.; Boonyapakorn, C.; **Thongkorn, K.** Effectiveness of Nanohydroxyapatite-Based Hydrogel on Alveolar Bone Regeneration in Post-Extraction Socket with Naturally Occurring Periodontitis in Dogs. *Vet. Sci.* 2022, 9, 7. <https://doi.org/10.3390/vetsci9010007>
2. Chawnan, N., Na Lampang, K., Mektrirat, R., Awaiwanont, N., & **Thongkorn, K.** (2021). Cultivation of bacterial pathogens and antimicrobial resistance in canine periapical tooth abscesses: <https://doi.org/10.12982/VIS.2021.040>. *Veterinary Integrative Sciences*, 19(3), 513-524
3. Kirattitana-olan, K., Chaisowwong, W., **Thongkorn, K.**, & Kreausukon, K. (2021). Keys to good knowledge, attitude and practice on rabies prevention in disease-free communities. *Veterinary Integrative Sciences*, 19(3), 407-422. Retrieved from <https://he02.tci-thaijo.org/index.php/vis/article/view/251942>.
4. Intapibool, P, Monmaturapoj, N, Nampuksa, K, **Thongkorn, K**, Khongkhunthian, P. Bone regeneration of a polymeric sponge technique—Alloplastic bone substitute materials compared with a commercial synthetic bone material (MBCP+TM technology): A histomorphometric study in porcine skull. *Clin Exp Dent Res.* 2021; 1- 13. <https://doi.org/10.1002/cre2.394>.
5. Songaksorn N, Petsophonsakul W, Pringproa K, Lampang KN, Sthitmatee N, Srifawattana N, Piyaungsri K, **Thongkorn K.** Prevalence of autoantibodies that bind to kidney tissues in cats and association risk with antibodies to feline viral rhinotracheitis, calicivirus, and panleukopenia. *J Vet Sci.* 2021;22:e38. <https://doi.org/10.4142/jvs.2021.22.e38>.
6. Kaikuntod, M.; Arjkumpa, O.; Kladkempetch, D.; Fukumoto, S.; **Thongkorn, K.**; Boonyapakorn, C.; Panyapornwithaya, V.; Tiwananthagorn, S. Geographic Spatial Distribution Patterns of *Dirofilaria immitis* and *Brugia pahangi* Infection in Community Dogs in Chiang Mai, Thailand. *Animals* 2021, 11, 33. <https://doi.org/10.3390/ani11010033>.
7. Pitjarnit, S.; Nakkiew, W.; **Thongkorn, K.**; Thanakulwattana, W.; Thunsiri, K. Finite Element Analysis of Traditional and New Fixation Techniques of the 3D-Printed Composite Interlocking Nail in Canine Femoral Shaft Fractures. *Appl. Sci.* 2020, 10, 3424. <https://doi.org/10.3390/app10103424>.
8. Doolyawat Kladkempetch1, Pattiya Pila, Boontarika Srilawonno, Sahatchai Tangtrongsup, **Kriangkrai Thongkorn**, Nuttawan Srifawattana4, Saruda Tiwananthagorn. Molecular identification of hookworm in community dogs and cats in Upper Northern Thailand. *Thai J Vet Med.* 2020. 50(Suppl.): 123-125.
9. Thepmanee, J., Rodroo, J., Awaiwanont, N., Intanon, M., Na Lampang, K., Thitaram, N., & **Thongkorn, K.** (2019). Investigation of Extended-Spectrum Beta-Lactamase (ESBL)-producing *Escherichia coli* and antimicrobial resistance in dogs with periodontal disease. *The Thai Journal of Veterinary Medicine*, 49(3), 227-233. Retrieved from <https://he01.tci-thaijo.org/index.php/tjvm/article/view/230620>.
10. Songaksorn N, Petsophonsakul W, Pringproa K, Lampang KN, Sthitmatee N, Sriphawattana N, **Thongkorn K.** Production of polyclonal antibody against kidney antigens: a model for studying autoantibody in feline chronic kidney diseases. *J Vet Sci.* 2019 Nov;20(6):e73. <https://doi.org/10.4142/jvs.2019.20.e73>.
11. Lamkhao S, Phaya M, Jansakun C, Chandet N, **Thongkorn K**, Rujijanagul G, Bangrak P, Random C. Synthesis of Hydroxyapatite with Antibacterial Properties Using a Microwave-Assisted Combustion Method, *Sci Rep.* 2019 Mar 8;9(1):4015. doi: 10.1038/s41598-019-40488-
12. Aronhippaitoon Y, Samer W, Atuntee T, Thananchai H, **Thongkorn K**, Pongsopawijit P, Inoue S, Noguchi A, Park ES, Kawai A, Petsophonsakul W. The cost effective easy competitive ELISA (CEE-cELISA) available for monitoring protective immunity against the rabies virus in sera of humans and dogs, *Jpn J Infect Dis.* 2019 Mar 25;72(2):99-105. doi: 10.7883/yoken.JJID.2018.248. Epub 2018 Oct 31.
13. Jirapa Thepmanee, Jutamart Rodroo, Nattakarn Awaiwanont, Montira Intanon, Kannika Na Lampang, Niyada Thitaram and **Kriangkrai Thongkorn.** Prevalence and antibiotic resistance of extended-spectrum beta-lactamase (ESBL) producing *Escherichia coli* in healthy dogs in Chiang Mai. *Veterinary Integrative Sciences.* 2018; 16(3).
14. Kaikuntod M, **Thongkorn K**, Tiwanontakorn S, and Boonyapakorn C: Filarial worms in dogs in Southeast Asia. *Vet Integr Sci.* 2018; 16(2).
15. Radeerom T, **Thongkorn K**, Buddhachat K, Pradit W, Chomdej S, Siengdee P, Nganvongpanit K: Investigation of the calculus microbiome in canines and felines using next-generation sequencing. *Kafkas Univ Vet Fak Derg,* 24 (4): 589-598, (2018).