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ACADEMIC POSITION:

Assistant Professor

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CONTACT :

Division of Veterinary Paraclinical Sciences
Department of Veterinary Bioscience
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RESEARCH INTERESTS:

- MIMMUNOPATHOLOGY
- MICROBIOLOGY
- INFECTIOUS DISEASE

EDUCATION

Iowa State University, USA
PH.D. (VETERINARY IMMUNOLOGY)

Chulalongkorn University, Bangkok, Thailand
D.V.M.

MOST RECENT PUBLICATIONS :

1. Antika Boonlaos, Wiriyachayon Wechsirisan, Pawitree Chaibuth, Vena Chupia, Suwit Chotinun, **Phongsakorn huammitri*** (2021) Quercetin enhances and modulates the fungal killing efficacy of chicken heterophils through immunological recognition, effector functions, and resolution. Comparative Immunology, Microbiology & Infectious Diseases. (https://doi.org/10.1016/j.cimid.2020.101582)

2. Photichai, Kornravee, Thunyamas Guntawang, Tidaratt Sittisak, Varankpicha Kochagul, **Phongsakorn Chuammitri,** Chatchote Thitaram, Hathairat Thananchai, Teera Chewonarin, Korawan Sringarm, and Kidsadagon Pringproa. (2020) Attempt to Isolate Elephant Endotheliotropic Herpesvirus (EEHV) Using a Continuous Cell Culture System." Animals 10 (12): 2328.

3. Srikok, S., Patchanee, P., Boonyayatra, S., & **Chuammitri, P.*** (2020). Potential role of MicroRNA as a diagnostic tool in the detection of bovine mastitis. Preventive Veterinary Medicine, 182, 105101. (https://doi.org/10.1016/j.prevetmed.2020.105101)

4. **Chuammitri, P.***, Vannamahaxay, S., Sornpet, B., Pringproa, K., & Patchanee, P. (2020). Detection and characterization of microRNA expression profiling and its target genes in response to canine parvovirus in Crandell Reese Feline Kidney cells. PeerJ, 8, e8522. DOI 10.7717/peerj.8522

5. Jutapoln Sunghan, Duangporn Pichpol, **Phongsakorn Chuammitri**, Areerath Akatvipat (2019) Bacteremia and Multidrug Resistance in Naturally Parvovirus Infection Dogs. Thai J Vet Med. 2019. 49(2): 193-196.

6. **Phongsakorn Chuammitri***, Kanruethai Wongsawan, Kidsadagon Pringproa, Roongroje Thanawongnuwech (2019) Interleukin 17 (IL-17) manipulates mouse bone marrow derived neutrophils in response to acute lung inflammation. Comparative Immunology, Microbiology and Infectious Diseases (https://doi.org/10.1016/j.cimid.2019.101356)

7. Nattinee Kittiwan, Panuwat Yamsakul, Pakpoom Tadee, Phacharaporn Tadee, Aniroot Nuangmek, **Phongsakorn Chuammitri***, Prapas Patchanee * (2019) Immunological response to porcine reproductive and respiratory syndrome virus in young pigs obtained from a PRRSV-positive exposure status herd in a PRRSV endemic area. Veterinary Immunology and Immunopathology DOI: 10.1016/j.vetimm.2019.109935

8. Saralee Srivorakul, Thunyamas Guntawang, Varankpicha Kochagul, Kornravee Photichai, Tidaratt Sittisak, Thittaya Janyamethakul, Khajohnpat Boonprasert, Siripat Khammesri, Warangkhana Langkaphin, Veerasak Punyapornwithaya, **Phongsakorn Chuammitri**, Chatchote Thitaram, Kidsadagon Pringproa (2019) Possible roles of monocytes/macrophages in response to elephant endotheliotropic herpesvirus (EEHV) infections in Asian elephants (Elephas maximus) PLoS ONE 14(9): e0222158. https://doi.org/10.1371/journal.pone.0222158

9. utapoln Sunghan, Areerath Akatvipat, Jennifer L. Granick, **Phongsakorn Chuammitri** and Sukolrat Boonyayatra (2019) Clinical factors associated with death during hospitalization in parvovirus infection dogs. Vet Integr Sci 17(2): 171-180 www.vet.cmu.ac.th/cmvj

10. Teerarat Prasertsee, **Phongsakorn Chuammitri**, Manu Deeudom, Nipa Chokesajjawatee, Pannita Santiyanont, Pakpoom Tadee, Aniroot Nuangmek, Phacharaporn Tadee, Samuel Sheppard, Ben Pascoe, Prapas Patchanee (2019) Core genome sequence analysis to characterize Salmonella enterica serovar Rissen ST469 from a swine production chain. International J Food Microbiol 304: 68-74 DOI: 10.1016/j.ijfoodmicro.2019.05.022

11. Teerarat Prasertsee, Nipa Chokesajjawatee, Pannita Santiyanont, **Phongsakorn Chuammitri,** Manu Deeudom, Pakpoom Tadee, Prapas Patchanee (2019) Quantification and rep-PCR characterization of Salmonella spp. in retail meats and hospital patients in Northern Thailand. Zoonoses Public Health 66:301-309 DOI: 10.1111/zph.12565

12. Boondarika Nambooppha, Kornravee Photichai, Kanreuthai Wongsawan and **Phongsakorn Chuammitri*** (2018) Quercetin manipulates the expression of genes involved in reactive oxygen species (ROS) process in chicken heterophils. J Vet Med Sci 80(8): 1204-1211 doi: 10.1292/jvms.17-0112