



JIRAPAT ARUNORAT

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ACADEMIC POSITION:

Instructor

E-MAIL:

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CONTACT :

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

- PATHOLOGY
- VIROLOGY

EDUCATION

Chulalongkorn University, Thailand

PH.D. (PATHOBIOLOGY)

Khon Kean University, Khon Kean, Thailand

D.V.M.

MOST RECENT PUBLICATIONS :

1. Sangpratum, N., Kedkovid, R., Woonwong, Y., Sirisereewan, C., Kerdangsakonwut, S., Thanawongnuwech, R., & **Arunorat, J.** (2019). Dual infection of a Thai isolate HP-PRRSV and the pdmH1N1 2009 SIV in weanling pigs. *The Thai Journal of Veterinary Medicine*, 49(1), 71-79. Retrieved from <https://www.tci-thaijo.org/index.php/tjvm/article/view/193699>.

2. Kedkovid R, Woonwong Y, **Arunorat J**, Sirisereewan C, Sangpratum N, Kerdangsakonwut S, Tummaruk P, Teankum K, Assavacheep P, Jittimanees S and Thanawongnuwech R. 2018. Porcine circovirus type 3 (PCV3) shedding in sow colostrum. *Vet Microbiol.* 220: 12-17.

3. Sirisereewan C, Woonwong Y, **Arunorat J**, Kedkovid R, Nedumpun T, Kerdangsakonwut S, Suradhat S, Thanawongnuwech R and Teankum K. 2018. Efficacy of a type 2 PRRSV modified live vaccine (PrimePac PRRS) against a Thai HP-PRRSV challenge. *Trop Anim Health Prod.*

4. Woonwong, Y., Kedkovid, R., **Arunorat, J.**, Sirisereewan, C., Nedumpun, T., Poonsuk, K., Panyasing, Y., Poolperm, P., Boonsoongnern, A., & Thanawongnuwech, R. (2018). Detection of PRRSV circulation using oral fluid samples for nursery management in endemically PRRSV-infected farms. *The Thai Journal of Veterinary Medicine*, 48(1), 85-94. Retrieved from <https://www.tci-thaijo.org/index.php/tjvm/article/view/117351>.

5. Kedkovid R, Woonwong Y, **Arunorat J**, Sirisereewan C, Sangpratum N, Lumyai M, Kerdangsakonwut S, Teankum K, Jittimanees S and Thanawongnuwech R. 2018. Porcine circovirus type 3 (PCV3) infection in grower pigs from a Thai farm suffering from porcine respiratory disease complex (PRDC). *Veterinary Microbiology.* 215: 71-76.

6. Woonwong Y, Kedkovid R, **Arunorat J**, Sirisereewan C, Nedumpun T, Poonsuk K, Panyasing Y, Poolperm P, Boonsoongnern A and Thanawongnuwech R. 2018. Oral fluid samples used for PRRSV acclimatization program and sow performance monitoring in endemic PRRS-positive farms. *Trop Anim Health Prod.* 50(2): 291-298.

7. **Arunorat J** and Thanawongnuwech R., 2017. Reverse zoonosis: is swine influenza to blame?. *CAB Reviews*.12 (48): 1-11. (doi: 10.1079/PAVSNNR201712048)<http://www.cabi.org/cabreviews/review/20173357801>

8. **Arunorat J**, Charoenvisal N, Woonwong Y, Kedkovid R, Jittimanees S, Sitticharoenchai P, Kerdangsakonwut S, Poolperm P and Thanawongnuwech R. 2017. Protection of human influenza vaccines against a reassortant swine influenza virus of pandemic H1N1 origin using a pig model. *Res Vet Sci.* 114: 6-11.

9. Sirisereewan C, Nedumpun T, Kerdangsakonwut S, Woonwong Y, Kedkovid R, **Arunorat J**, Thanawongnuwech R and Suradhat S. 2017. Positive immunomodulatory effects of heterologous DNA vaccine- modified live vaccine,