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Research interests: Food & Safety
Epidemiology

Most recent publications:

1. Kaewsutas, M., Sarikaphuti, A., Nararatwanchai, T., Sittiprapaporn, P., **Patchanee, P.** Electroencephalographic study of microalgae DHA omega-3 egg consumption on cognitive function. *J Funct Foods*. 2017; 29, 46–52.
2. **Patchanee P**, Tansiricharoenkul K, Buawiratert T, Wiratsudakul A, Angchokchatchawal K, Yamsakul P, Yano T, Boonkhot P, Rojanasatien S, Tadee P. *Salmonella* in pork retail outlets and dissemination of its pulsotypes through pig production chain in Chiang Mai and surrounding areas, Thailand. *Prev Vet Med*. 2016; 1(130): 99–105.
3. **Patchanee P**, Boonkhot P, Kittiwat N, Tadee P, Chotinun S. Dissemination of *Salmonella* enterica sequence types among Asean economic community countries. *Southeast Asian J Trop Med Public Health*. 2015; 46(4):707–19.
4. Chotinun S, Rojanasthien S, Unger F, Tadee P, **Patchanee P**. Prevalence and antimicrobial resistance of *Salmonella* isolated from carcasses, processing facilities and the environment surrounding small scale poultry slaughterhouses in Thailand. *Southeast Asian J Trop Med Public Health*. 2014; 45(6):1392–400.
5. Boonkhot P, Tadee P, Yamsakul P, Pocharoen C, Chokesajjawatee N, **Patchanee P**. Class 1 integrons characterization and multilocus sequence typing of *Salmonella* spp. from swine production chains in Chiang Mai and Lamphun provinces, Thailand. *Jpn J Vet Res*. 2015;63(2):83–94.
6. Tadee P, Boonkhot P, Pomruangwong S, **Patchanee P**. Comparative phenotypic and genotypic characterization of *Salmonella* spp. in pig farms and slaughterhouses in two provinces in northern Thailand. *PLoS One*. 2015; 18; 10(2):e0116581. doi:10.1371/journal.pone.0116581.
7. Chotinun S, Rojanasthien S, Unger F, Suwan M, Tadee P, **Patchanee P**. An integrative approach to enhancing small-scale poultry slaughterhouses by addressing regulations and food safety in northern –Thailand. *Infect Dis Poverty*. 2014 Dec 5; 3(1):46. doi: 10.1186/2049–9957–3–46.
8. Tadee P, Boonkhot P, **Patchanee P**. Quantification of contamination levels and particular risk of *Salmonella* spp. in pigs in slaughterhouses in Chiang Mai and Lamphun provinces, Thailand. *Jpn J Vet Res*. 2014; 62(4):171–9.
9. **Patchanee P**, Tadee P, Arjkumpa O, Love D, Chanachai K, Alter T, Hinjoy S, Tharavichitkul P. Occurrence and characterization of livestock-associated methicillin-resistant *Staphylococcus aureus* in pig industries of northern Thailand. *J Vet Sci*. 2014;15(4):529–36.