



## KANRUETHAI WONGSAWAN

### กัญญฤทัย วงศ์ชาวรรณ

#### ACADEMIC POSITION:

Assistant Professor

#### E-MAIL:

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#### CONTACT :

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

#### RESEARCH INTERESTS:

- MICROBIOLOGY
- INFECTIOUS DISEASE
- ANTIMICROBIAL RESISTANCE

#### EDUCATION

**Chiang Mai University, Chiang Mai, Thailand**

PH.D. (MICROBIOLOGY)

**Chiang Mai University, Chiang Mai, Thailand**

B.S. (MICROBIOLOGY)

#### MOST RECENT PUBLICATIONS :

1. Amphaiphan C, Yano T, Som-in M, KungwongP, **Wongsawan K**, Pusoonthornthum R, Salman MD, Tangtrongsup S. Antimicrobial drug resistance profile of isolated bacteria in dogs and cats with urologic problems at Chiang Mai University Veterinary Teaching Hospital, Thailand (2012-2016). *Zoonoses Public Health*. 2021; DOI: 10.1111/zph.12832.
2. **Wongsawan K**, Chaisri W, Tangtrongsup S, Mektrirat. Bactericidal Effect of Clove Oil against Multidrug-Resistant *Streptococcus suis* Isolated from Human Patients and Slaughtered Pigs. *Pathogens*. 2020; 9(14): DOI:10.3390/pathogens9010014.
3. Chuammitri P, **Wongsawan K**, Pringproa K, Thanawongnuwech R. Interleukin 17 (IL-17) manipulates mouse bone marrow- derived neutrophils in response to acute lung inflammation. *Comp Immuno Microbiol Infect Dis*. 2019; 67:101356.
4. Nambooppha B, Photichai K, **Wongsawan K**, Chuammitri P. Quercetin manipulates the expression of genes involved in the reactive oxygen species (ROS) processin chicken heterophils. *J Vet Med Sci*. 2018; DOI: 10.1292/jvms.17-0112
5. Luehong N, Khaowmek J, **Wongsawan K**, Chuammitri P, Preferential pattern of mouse neutrophilcell death in response to various stimulants. *In Vitro Cell Dev Biol Anim*. 2017; DOI: 10.1007/s11626-016-0129-7.
6. Srikok S, Nambut, **Wongsawan K**, Chuammitri P. Quercetin promote the expression of genes involved in phagocytosis in bovine neutrophils. *Am J Anim Vet Sci*. 2017; 12(2): 85-95.
7. **Wongsawan K**, Gottschalk M, Tharavichitkul P. Serotype- and virulence-associated gene profile of *Streptococcus suis* isolates from pig carcasses in Chiang Mai Province, Northern Thailand. *J Vet Med Sci*. 2015; 77(2): 233-236.