

Dr. Pairat Sornplang

Assistance Professor



Full name: Dr. Pairat Sornplang

Title: Assistant professor

E-mail: pirson@kku.ac.th

Webpage:-

Work Phone/Fax: 043-364493

Work Address: Department of Veterinary Public Health, Faculty of Veterinary Medicine, Khonkaen University, Khonkaen 40002 Thailand

EDUCATION:

- 2009 Khonkaen University (Thailand), Ph.D. in Animal Science
- 2002 Khonkaen University (Thailand), M.Sc. in Animal Science
- 1993 Khonkaen University (Thailand), DVM (Doctor of Veterinary Medicine)

POSITIONS AND EMPLOYMENT:

- 2003-present Assistant Professor, Department of Veterinary Public Health, Faculty of Veterinary Medicine, Khonkaen University
- 1993-03 Instructor, Department of Veterinary Public Health, Faculty of Veterinary Medicine, Khonkaen University

TEACHING AND MENTORING:

- Veterinary Epidemiology and Preventive Medicine
- Laboratory animals
- Zoonoses
- Meat hygiene
- Milk hygiene

RESEARCH INTERESTS:

- Application of lactic acid bacteria in animal production
- Veterinary public health
- Microbial control in meat sciences and milk
- Molecular microbiology

SELECTED PUBLICATION (selected papers):

- Sornplang, P** and **P. Mahakhan.** 2009. Characterisation of dominant cultivable lactobacilli and their antibiotic resistant profiles from faecal samples of Thai native chickens. *In* Proceeding of the 5th Asian conference on lactic acid

bacteria: Microbes in prevention and treatment. 1st - 3rd July 2009 Singapore.
(Poster presentation)

Sornplang, P., S. Uriyapongson and K. Poonsuk. 2008. Effects of *Lactobacillus* culture supplementation on growth performance, intestinal microbial populations, serum lipids and meat cholesterol levels in broilers. *In* Proceedings of 9th National Grad Research Conference. Graduate School, Burapha University, March 14-15, 2008. (Poster presentation)

Sornplang, P., S. Uriyapongson and P. Pongpan. 2008. Effect of *Lactobacillus* culture supplementation on growth performance, intestinal microbial populations, cholesterol levels and antioxidation of meat in broilers. *In* Proceedings of Greater Mekong Subregion Agricultural Conference Programme, Nakhon Phanom University, February 9-10, 2008

Sornplang, P., S. Uriyapongson, K. Poonsuk and P. Mahakhan. 2007. Lactic acid bacteria isolated from native chicken feces. *KKU.Vet. Journal.* 17(1): 33-42.

Sornplang, P., S. Uriyapongson, K. Poonsuk., P. Mahakhan. and S. Angkititrakul. 2007. Antimicrobial susceptibility of lactic acid bacteria isolated from native chicken feces. *KKU Research Journal (Graduate Studies).* 7(3): 1-8.

FUNDED RESEARCH PROJECTS:

28 September -28 December 2008: “Characterisation and identification of *Lactobacillus* strains isolated from native chicken feces.” University of Otago, New Zealand

2009-2010: “Bacteriophages Isolation from Nature and Environment for Prophylaxis and Treatment of *Escherichia coli* Infection (colibacillosis) in Piglets”

HONORS AND AWARDS:

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OTHER PROFESSIONAL & SERVICE ACTIVITIES

Member of Veterinary Council of Thailand

CURRENT STUDENTS (topics of proposal):

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