

Curriculum Vitae

Asst. Prof. Dr. Chaiwat Boonkaewwan

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1. Educational Background

Level	Program/Educational institution	Year of Graduation
Diploma	Veterinary Medicine/Veterinary council	2016
B.Pol.Sci	Political science / Sukhothaithammatirat Univeristy	2013
Ph.D.	Physiology / Mahidol Univeristy	2008
D.V.M.	Veterinary Medicine (2 nd class Honor) / Chulalongkorn Univeristy	1999

2. Work Experience in reverse chronological order (the Present or most recent position first)

Position & institution	Year
Asst.Prof. – Akkhraratchakumari Veterinary College, Walailak University	2020 - Present
Asst. Prof. – Department of Animal Science, Faculty of Agriculture, Kasetsart University	2014 - 2019
Lecturer – Department of Animal Science, Faculty of Agriculture, Kasetsart University	2008 - 2013

3. Expertise

- 1) Animal Physiology
- 2) Animal cell culture
- 3) Small animal internal medicine

4. Teaching Experience

YES

NO

Institution	Faculty	Program	Course	Year
Walailak University	Akkhraratchakumari Veterinary College	Veterinary Science	1) Body Structure and Function I-IV 2) Clinical Veterinary Biochemistry 3) Clinical Veterinary Pharmacology 4) Small Animal Veterinary Medicine I & II	2020
Kasetsart University	Agriculture	Animal Science, Industrial Animal Science, Tropical Agriculture	1) Introductory Physiology of Domestic Animal 2) Principle of Animal Hygiene and Sanitation 3) Animal Disease and Health Care 4) Pet Care 5) Special Problem 6) Selected Topic in Animal Science	2008 - 2020

5. Academic Achievement for 5 years ago

5.1 Research article

1) Suklek, A., Kayan, A., Rattanasrisomporn, J. & **Boonkaewwan, C.** (2020) "Isolation of peripheral blood mononuclear cells and the expression of toll-like receptors in Betong chickens" *Veterinary World*, 13(7): 1372-1375.

2) Malliga, C., **Chaiwat, B.**, Autchara, K. & Nirat G. (2019) "Evaluation of molt induction using cassava meal varying the length of feeding period in older (90 week) laying hens" *Poultry Science*, 98: 4131-4139.

3) Wassamon, M., Tassanee, J., Sittiruk, R., **Chaiwat, B.** & Jatuporn, R. (2019) "Characteristic clinical signs and blood parameters in cats with Feline Infectious Peritonitis" *Agricultural and Natural Resources*, 53: 433-43.

4) Jatuporn, N., Waraporn, B., Autchara, K. & **Chaiwat, B.** (2018) "Assessment of steviol on pro-inflammatory cytokines release in human CD14+ cells" *GSC Biological and Pharmaceutical Sciences*, 4: 037-042.

5) Jatuporn, N., Narissara, L., Autchara, K. & **Chaiwat, B.** (2017) "In vitro and in vivo assessment of inhibitory effect of stevioside on pro-inflammatory cytokines" *Avicenna Journal of Phytomedicine*, 7(2): 101-106.

6) Aungsuma, K., **Chaiwat, B.**, Jatuporn, N. & Autchara, K. (2017) "Expression Level of the Cytochrome P450c21 (CYP21) Protein Correlating to Drip Loss in Pigs" *Animal Science Journal*, 88(11): 1855-1859.

7) Nunyarat, K., Nirat, G., **Chaiwat, B.**, Jatuporn, N., Sirin, T. & Autchara Kayan. (2017) "Fiber characteristics of pork muscle exhibiting different levels of drip loss" *Animal Science Journal*, 88(12): 2044-2049.

8) Sirin, T., Autchara, K., Nunyarat, K. & **Chaiwat, B.** (2017) “Intestinal barrier and mucosal immunity in broilers, Thai Betong, and native Thai Praduhangdum chickens” *Turkish Journal of Veterinary and Animal Science*, 41(3): 357-364.

9) Nunyarat, K., **Chaiwat, B.**, Watchara, L. & Autchara, K. (2017) “Blood Haematology, Muscle pH and Serum Cortisol Changes in Pigs With Different Levels of Drip Loss” *Asian-Australasian Journal of Animas Science*, 30(12): 1751–1755.

5.2 Research article/ academic article presented in conferences

1) **Chaiwat, B.**, Autchara, K., Waraporn, B. & Jatuporn, N. (2018). Effect of stevia leave extract, stevioside, on pro-inflammatory cytokines release in human monocytic cells. International conference on traditional medicine, phytochemistry and medicinal plants 15-17 October 2018. Tokyo, Japan

2) **Chaiwat, B.**, Anutian, S., Autchara, K. & Jatuporn, N. (2018) The study on hematology and immune level to Newcastle disease virus in Betong (KU line) and Pradu Hang Dam chicken. 11th International conference on chemical, agricultural, biological and environmental science 17-18 April 2018. Kyoto, Japan

3) Jatuporn, N., **Chaiwat, B.**, Autchara, K. & Anutian, S. (2016) Effect of methionine on IL-2 release from chicken lymphocyte cell line. The 17th Asian-Australasian Association of Animal Production Societies Animal Science Congress 22-25 August 2016. Fukuoka, Japan

4) Sirin, T., Nunyarat, K., Autchara, K. & **Chaiwat, B.** (2016) Differential localization of claudin-1 in intestinal epithelial segments of KU Betong and Thai native chickens. The 17th Asian-Australasian Association of Animal Production Societies Animal Science Congress 22-25 August 2016. Fukuoka, Japan

5) **Chaiwat, B.**, Autchara, K. & Jatuporn, N. & Panapat, K. Stimulatory effect of methionine on chicken lymphocyte cell line proliferation. The 17th Asian-Australasian Association of Animal Production Societies Animal Science Congress 22-25 August 2016. Fukuoka, Japan

6. Award and honor

Award and honor	Year
‘Poster Best Paper’ Chaiwat, B. , Anutian, S., Autchara, K. & Jatuporn, N. (2018) The study on hematology and immune level to Newcastle disease virus in Betong (KU line) and Pradu Hang Dam chicken. 11 th International conference on chemical, agricultural, biological and environmental science 17-18 April 2018. Kyoto, Japan.	2018