



賴政宏 Lai, Cheng-Hung

副教授

專長：寄生蟲學、小動物內科、皮膚病、中獸醫
主要教授課程：

大學部：寄生蟲學、小動物內科、皮膚病學、基礎
中獸醫學、針灸學、動物福利學

研究所：高等內科學

Tel : 04-22870180 ext 204

E-mail : chlai@dragon.nchu.edu.tw

簡要學經歷及重要榮譽

國立中興大學獸醫學系	博士班	1997.9 - 2002.1
中山醫學大學毒理學研究所	博士後研究	2002.8 - 2003.7
輔英科技大學生物技術系	助理教授	2003.8 - 2005.7
國立中興大學獸醫學系	助理教授	2005.8 - 2013.1
國立中興大學獸醫學系	副教授	2013.2 - 迄今

研究興趣及成果簡述

1. 犬皮膚病之致病因子調查研究

在犬隻疾病中皮膚病之發病率高，皮膚病之病因很多，症狀複雜，病程較長，確診及治療都有難度。台灣地處於溫暖潮濕的亞熱帶氣候，犬隻罹患皮膚病的情況更是常見。造成皮膚病之致病因子種類繁多，包括細菌、病毒、黴菌、寄生蟲、自體免疫等均可能造成犬隻的皮膚病變。本研究室長期檢測犬隻皮膚炎之致病因子。

2. 針灸及中草藥在小動物臨床之應用研究

針灸及中草藥的應用在傳統醫學上具有悠久歷史，然而在小動物疾病的應用並不多。因此在接受過完整獸醫針灸之訓練後即投入針灸及中草藥在小動物臨床之應用研究。

- (1) 針灸在關節炎之應用研究
- (2) 針灸在異位性皮膚炎之應用研究
- (3) 針灸在慢性肝炎之應用研究
- (4) 中草藥(金銀花)在異位性皮膚炎之應用研究

代表著作

1. Peng HY, Chang HM, Lee SD, Huang PC, Chen GD, Lai CH, Lai CY, Chiu CH, Tung KC, Lin TB. 2008. TRPV1 mediates the uterine capsaicin-induced NMDA NR2B-dependent cross-organ reflex sensitization in anesthetized rats. *American Journal of Physiology-Renal Physiology* 295: F1324-F1335. (SCI)
2. Yu CY, Wu HH, Chao MR, Chou ST, Yeh RH, Tsai MY, Chen TT, Lai CH, Chen KL. 2008. Comparisons of the hematological values during gestation and lactation in New Zealand White and Rex rabbits. *Taiwan Veterinary Journal* 34: 165-169.
3. Liu PC, Lin CC, Lin SL, Lai CH, Wang WS. 2008. Case report: canine juvenile cellulites in Labrador Retriever puppies. *Taiwan Veterinary Journal* 34: 192-197.
4. Tung KC, Hsiao FC, Yang CH, Chou CC, Lee WM, Wang KS, Lai CH*. 2009. Surveillance of

- endoparasitic infections and the first report of *Physaloptera* sp. and *Sarcocystis* spp. in farm rodents and shrews in central Taiwan. *Journal of Veterinary Medicine and Science* 71: 43-47. (SCI)(Corresponding author)
5. Peng HY, Chen GD, Tung KC, Chien YW, Lai CY, Hsieh MC, Chiu CH, Lai CH, Lee SD, Lin TB. 2009. Estrogen-dependent facilitation on spinal reflex potentiation involves the Cdk5/ERK1/2/NR2B cascade in anesthetized rats. *American Journal of Physiology-Endocrinology and Metabolism* 297: E416–E426. (SCI)
6. Peng HY, Chen GD, Lai CH, Tung KC, Chang JL, Lin TB. 2010. Endogenous ephrinB2 mediates colon-urethra cross-organ sensitization via Src kinase-dependent tyrosine phosphorylation of NR2B. *American Journal of Physiology-Renal Physiology* 298: F109–F117. (SCI)
7. Chen NG , Chen KT, Lu CC, Lan YH , Lai CH, Chung YT , Yang JS, Lin YC. 2010. Allyl isothiocyanate triggers G2/M phase arrest and apoptosis in human brain malignant glioma GBM 8401 cells through a mitochondria-dependent pathway. *Oncology Reports* 24: 449-455. (SCI)
8. Liu PC, Lai CH, Kim SH, Song KH, Kim DH. 2010. Combination therapies by traditional veterinary medicine and conventional treatment for demodicosis in a dog. *Journal of Veterinary Science Chungnam National University* 17: 1-5.
9. Liu PC, Lai CH, Cheng FP, Lee WM, Kim SH, Song KH, Kim DH. 2010. Treatment of hypothyroidism in a dog. *Journal of Veterinary Science Chungnam National University* 17: 7-11.
10. Chen NG , Lu CC, Lin YH , Shen WC, Lai CH, Ho YJ, Chung JG, Lin TH, Lin YC, Yang JS. 2011. Proteomic approaches to study epigallocatechin gallate-provoked apoptosis of TSGH-8301 human urinary bladder carcinoma cells: roles of AKT and heat shock protein 27-modulated intrinsic apoptotic pathways. *Oncology Reports* 26: 939-947. (SCI)
11. Tung KC, Huang CC, Pan CH, Yang CH, Lai CH*. 2012. Prevalence of gastrointestinal parasites in yellow cattle between Taiwan and its offshore islands. *The Thai Journal of Veterinary Medicine* 42: 219-224. (SCI) (Corresponding author)
12. Lai CH*, Liu PC, Lee WM, Lin HY. 2012. Apitoxin aquupuncture and administration of herbal medicine in a dog with superficial pyoderma. *The Thai Journal of Veterinary Medicine* 42: 373-377. (SCI) (Corresponding author)
13. Chang KM, Chen KS, Wang HC, Lai CH, Hsieh YT, King HH, Lee WM. 2012. Combination of acupuncture and aquupuncture using Vitamin B Complex for treatment of chronic degenerative changes of hip joints and anal relaxation in a dog. *The Thai Journal of Veterinary Medicine* 42: 387-390. (SCI)
14. Tung KC, Hsiao FC, Wang KS, Yang CH, Lai CH*. 2013. Study of the endoparasitic fauna of commensal rats and shrews caught in traditional wet markets in Taichung City, Taiwan. *The Journal of Microbiology, Immunology and Infection* 46, 85-88. (SCI) (Corresponding author)
15. Chang SH, Tang P, Lai CH, Kuo ML, Wang LC. 2013. Identification and characterisation of microRNAs in young adults of *Angiostrongylus cantonensis* via a deep-sequencing approach. *Memórias do Instituto Oswaldo Cruz*. 108: 699-706. (SCI)
16. Huang CC, Wang LC, Pan CH, Yang CH, Lai CH*. 2014. Investigation of gastrointestinal parasites of dairy cattle around Taiwan. *The Journal of Microbiology, Immunology and Infection* 47: 70-74. (SCI) (Corresponding author)