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主要教授課程：

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### 簡要學經歷及重要榮譽

- 國立中興大學 114 學年度服務特優一級獎
- 中華民國獸醫師公會全國聯合會 114 年傑出貢獻獎
- 國立中興大學獸醫學院副院長 2016.2-2018.1 以及 2024.2-迄今
- 國立中興大學獸醫學系系主任 2018.2-2024.1
- 考選部獸醫師國家考試典試委員兼總召集人 2018-2023
- 國立中興大學獸醫系教授 2010.2-迄今
- 中華民國獸醫學會暨台灣省畜牧獸醫學會 102 年度教學獎
- 中華民國獸醫學會 100 年度臨床獎
- 國立中興大學 100 學年度教學特優獎
- 國立中興大學 95 學年度特優導師、105 學年度優良導師
- 國立中興大學獸醫系助理教授/副教授 1998.2-2010.1
- 德國慕尼黑大學獸醫學院獸醫學博士 1997.7
- 兼任德國慕尼黑大學獸醫系助教 1994.11-1997.2
- 國立中興大學獸醫學系學士碩士助教 1987/1989/1992

### 研究興趣及成果簡述

大動物繁殖學，大動物繁殖超音波學等。推廣乳牛繁殖管理、推廣仿生牛產科教具教學、建立母馬人工授精繁殖技術、台灣水鹿繁殖特性及難產救助等。

### 代表著作

1. Chuang Albert Chun-Chun, Ho Thomas Chia-Tang\*, and **Chan Jacky Peng-Wen\***. Prostaglandin-induced luteolysis and estrous expression in dairy heifers: applications of ovulation prediction based on automated activity monitoring system. *J Vet Med Sci* 87: 2025 (DOI: 10.1292/jvms.25-0162)(SCI)
2. Li Cheng-Yan, Chen Yueh-Tung, Moonmanee Tossapol, **Chan Jacky Peng-Wen\*** and Wang Chien-Kai.\* The in vitro effects of choline on non-esterified fatty acid-treated bovine peripheral blood leukocytes. *Animals*, 15: 2025 (<https://doi.org/10.3390/ani15121814>) (SCI, co-corresponding author)
3. Lo Yu-Jhe, Ho Thomas Chia-Tang\* and **Chan Jacky Peng-Wen\***. Assessing the efficacy of eutectic mixture of local anesthesia cream and vapocoolant spray in mitigating the pain associated with ear-tagging in pre-weaned calves. *Thai J Vet Med*, 55: 2025 (<https://digital.car.chula.ac.th/tjvm/vol55/iss2/10>) (SCI)
4. Liu Tsung-Ching, Chiang Chen-Fei, Ho Thomas Chia-Tang, and **Chan Jacky Peng-Wen\***. The benefits of dexmedetomidine for pain mitigation after cautery disbudding in calves. *Thai J Vet Med* 53: 221-227, 2023 (SCI)
5. Ho Thomas Chia-Tang, Liu Tsung-Ching, Li Cheng-Yan Li, **Chan Jacky Peng-Wen\***. Predictable ovulation time and increased serum estradiol concentration achieved by GnRH administration at 56-hour proestrus in lactating dairy cows. *Thai*

J Vet Med 52: 745-752, 2022 (SCI)

6. Liu Tsung-Ching, Ho Chia-Tang, Li Kuang-Po, Chang Chao-Chin, **Chan Jacky Peng-Wen\***. hCG-induced ovulation occurs later but with equal occurrence in lactating dairy cows: Comparing hCG and GnRH protocols. J Reprod Dev 65: 507-514, 2019(SCI)
7. Liu Tsung-Ching, Chiang Chen-Fei, Ho Chia-Tang, **Chan Jacky Peng-Wen\***. Effect of GnRH on ovulatory response after luteolysis induced by 2 low doses of PGF2a in lactating dairy cows. Theriogenology 105: 45-50, 2018. (SCI)
8. Liu Tsung-Ching, Ho Chia-Yu, **Chan Jacky Peng-Wen\***. Effect of 2 low doses of prostaglandin F2a on Luteolysis in dairy cows. Acta Veterinaria Hungarica 65: 105-114, 2017 (SCI)
9. Nfor ON, **Chan JPW\***, Kere M, Peh HC. Disbudding pain: The benefits of disbudding goat kids with dexmedetomidine hydrochloride. Small Ruminant Res 139: 60-66, 2016 (SCI, corresponding author)
10. Lin CC, Chen KS, Lin YL, **Chan Jacky PW\***. Multiple subluxations and comminuted fracture of the cervical spine in a sheep. Tierärztl Prax 43: 45-49, 2015. (SCI)
11. **Chan Jacky Peng-Wen**, Chen Yi-Ju, Wang Chi-Young. Comparison of a nested PCR-enzyme-linked immunosorbent assay with various diagnostic tests for the detection of Mycobacterium avium subsp. paratuberculosis. Pak Vet J 34: 474-478. (SCI)
12. Jack Amelia MM, Chang CC, Peh HC, **Chan Jacky PW\***. Fecal progesterone analysis for monitoring reproductive status in dairy goats. Turk J Vet Anim Sci 36: 566-572, 2012. (SCI)
13. Liu Wen-Bor, Chuang Shih-Te, Shyu Ching-Lin, Chang Chao-chin, Jack Amelia, Peh Huo-Cheng, **Chan Jacky Peng-Wen\***. Strategy for treatment of puerperal metritis and improvement of reproductive efficiency in cows with retained placenta. Acta Vet Hung 59: 247-256, 2011. (SCI)
14. Lee YJ, Chang CC, **Chan Jacky PW\***, Hsu WL, Lin KW, Wong ML\*. Prognosis of acute kidney injury in dogs using RIFLE (Risk, Injury, Failure, Loss and End-stage renal failure)-like criteria. Vet Rec 168: 264-268, 2011. (SCI)
15. Lin CC, Chen TH, Shyu CL, Su NY, **Chan Jacky PW\***. Disseminated Abscessation Complicated with Osteomyelitis Caused by Arcanobacterium pyogenes in a Goat. J Vet Med Sci 72: 1089-1092, 2010. (SCI)
16. Chuang Shih-Te, Liu Wen-Bor, Chou Chi-Chung, Jack Amelia, **Chan Jacky Peng-Wen\***. Case report of a corpus luteum graviditatis with a follicular lutein cyst-like structure during early pregnancy in a cow. Tierärztl Prax 38: 233-236, 2010. (SCI)
17. Su NY, Hsu TH, Tung KC, Tsai HY, **Chan Jacky PW\***. Dystocia of Formosan sambar deer in semi-domesticated herds: a study of 22 cases. Vet Rec 166: 786-789, 2010. (SCI)
18. **Chan Jacky Peng-Wen**, Chang Chao-chin, Hsu Wei-Li, Liu Wen-Bor, Chen Ter-Hsin. Association of elevated acute phase proteins with reproductive performance in dairy cows with postpartum metritis. Vet Clin Path 39: 72-78, 2010. (SCI)
19. **Chan Jacky Peng-Wen**, Tsai Han-Ying, Chen Chih-Feng, Tung Kwong-Chung, Chang Chao-chin. The reproductive performance of female Formosan sambar deer (Cervus unicolor swinhoei) in semi-domesticated herds. Theriogenology 71: 1156-1161, 2009. (SCI)
20. Shyu Ching-Lin, Lin Cheng-Chung, Hsuan Shih-Ling, Chiou Shioh-Her, **Chan Jacky Peng-Wen\***. Suppurative meningitis in a 7-day-old Formosan sambar deer (Cervus unicolor swinhoei) caused by Escherichia coli. Can Vet J 51: 308-310, 2010. (SCI)
21. **Chan Jacky Peng-Wen**, Wu Jui-Te, Cheng Feng-Pang, Chuang Shi-Te, Chou Chi-Chung. Investigation of Reproductive Traits and Computer-assisted Single Artificial Insemination Procedure in Mares in Subtropical Taiwan. Turk J Vet Anim Sci 32: 395-398, 2008. (SCI)
22. Lin Cheng-Chung, Chuang Shih-Te, Hsuan Shih-Ling, Huang Wei-Chia, **Chan Jacky Peng-Wen\***. Case report: Jejunojejunal intussusception and colonic impaction in a 12-day-old orphan foal. J Equine Vet Sci 28: 473-475, 2008. (SCI)

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