



Chan, Jacky Peng-Wen

Professor

Professional specialty:

Theriogenology

Lectures:

Undergraduate: Veterinary Reproduction and Obstetrics,
Diseases of Ruminants

Graduate: Advanced Reproductive Medicine

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Educational Background

DrMedVet, College of Veterinary Medicine, University of Munich, 07/1997

MS, Department of Veterinary Medicine, National Chung-Hsing University, 06/1989

BS, Department of Veterinary Medicine, National Chung-Hsing University, 06/1987

Current Position and Professional Career

1. Deputy Dean, College of Veterinary Medicine, NCHU, 02/2016-01/2018, 02/2024- now
2. Chairman, Department of Veterinary Medicine, NCHU, 02/2018-01/2024
3. Chair convener of the National Veterinary Examination for the Ministry of Examination, 2018-2023
4. Professor, Department of Veterinary Medicine, National Chung-Hsing University, 02/2010- now
5. Associate Professor, Department of Veterinary Medicine, NCHU, 08/2004-01/2010
6. Head of Large Animal Medicine, Veterinary Medicine Teaching Hospital, NCHU, 08/2003-07/2009
7. Assistant Professor, Department of Veterinary Medicine, NCHU, 02/1998-07/2004
8. Resident of Large Animal Medicine, Veterinary Medicine Teaching Hospital, NCHU, 02/1998-
9. Teaching assistant, College of Veterinary Medicine, University of Munich, 11/1994-02/1997
10. Teaching assistant, Department of Veterinary Medicine, NCHU, 02/1992-04/1994
11. Resident of Large Animal Medicine, Veterinary Medicine Teaching Hospital, NCHU, 02/1992-1994/04

Honors

1. Outstanding Service Award (First-Class Distinction), NCHU, 2025
2. Outstanding Contribution Award, Taiwan Veterinary Medical Association, 2025
3. Best Mentor Award, NCHU, 2017
4. Distinguished Teaching Excellence Award, Chinese Society of Veterinary Science, 2013
5. Distinguished Clinical Fellow Award, Chinese Society of Veterinary Science, 2011
6. Teaching Excellence Award, NCHU, 2011
7. Best Mentor Award, NCHU, 2006

Areas of Interest and Achievements

Large animal theriogenology, Reproductive management in dairy cows, Equine breeding, Reproductive performance of Formosan sambar deer

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 Shiow-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)

Updated: 2025/08/01