



## Shia, Wei-Yau

### Associate Professor

#### Professional specialty :

Small Animal Surgery, Small Animal Bacteriology

#### Courses Taught :

Undergraduate : Clinical Practice, Lab of Small Animal Surgery, Small Animal Clinical Diagnostics Laboratory

Graduate : (Master) Small Animal Reconstructive Surgery, Small Animal Orthopedics

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### Educational background

Bachelor, Department of Veterinary Medicine, National Chung Hsing University	1999-2004
Master, Department of Veterinary Medicine, National Chung Hsing University	2004-2006
PhD, Department of Veterinary Medicine, National Chung Hsing University	2006-2012

### Current position and professional career

Chung-Ai Animal Hospital	2013.10-2018.4
Assistant professor, Department of Veterinary Medicine, National Chung Hsing University	2019.8-

### Research topics interested

Small Animal Surgery, Zoonotic bacterial pathogens in small animals, Small Animal Dentistry

### Selected publications

1. Lai CH, Lin YS, Wang CM, Chang PC, Shia WY, 2023. A Novel 16S rRNA PCR-Restriction Fragment Length Polymorphism Assay to Accurately Distinguish Zoonotic *Capnocytophaga canimorsus* and *C. cynodegmi*. *Microbiology Spectrum* 17:e0291622. (SCI)
2. Huang CH, Chen KS, Chia MY, Chiou HY, Shia WY, 2023. Cryptococcal granulomas of basal ganglia due to *Cryptococcus neoformans* in a cat: a case report and literature review. *Journal of Veterinary Medical Science* 85: 412-416. (SCI)
3. Wong HP, Shia WY, Li YN, Yueh HC, Lee YT, Wei TW, Lee WM, 2022. A new laparoscopic approach for ovariohysterectomy by tracing the round ligaments in a bitch. *The Thai Journal of Veterinary Medicine* 52: 789–791. (SCI)
4. Lai CH, Ma YC, Shia WY, Hsieh YL, Wang CM, 2022. Risk Factors for Antimicrobial Resistance of *Staphylococcus* Species Isolated from Dogs with Superficial Pyoderma and Their Owners. *Veterinary Sciences* 9: 306. (SCI)
5. Lee HY, Shia WY, Hsu TH, Lee WM, 2022. Stifle joint reconstruction technique using fascia lata in a cat with cranial cruciate ligament rupture. *Thai Journal of Veterinary Medicine* 52: 397-401. (SCI)
6. Rattanapanadda P, Kuo HC, Chang SK, Tell LA, Shia WY, Chou CC, 2022. Effect of Carbonyl Cyanide Chlorophenylhydrazone on Intrabacterial Concentration and Antimicrobial Activity of

- Amphenicols against Swine Resistant *Actinobacillus pleuropneumoniae* and *Pasteurella multocida*. *Veterinary Research Communications* 46: 903-916. (SCI)
- 7.
  8. Hsieh PC, Chen KS, Lee WM, Shia WY, 2021. Diagnosis of toothpick-induced chronic intramuscular abscess using fistulography in a dog. *Thai Journal of Veterinary Medicine* 51: 801-807. (SCI)
  9. Huang HY, Liao KY, Shia WY, Chang CC, Wang HC, 2021. Effect of administering dexmedetomidine with or without atropine on cardiac troponin I level in isoflurane-anesthetized dogs. *Journal of Veterinary Medical Science* 83: 1869-1876. (SCI)
  10. Huang HM, Ho CY, Chang GR, Shia WY, Lai CH, Chao CH, Wang CM, 2021. HPLC/ESI-MS and NMR Analysis of Chemical Constitutes in Bioactive Extract from the Root Nodule of *Vaccinium emarginatum*. *Pharmaceuticals* 14: 1098. (SCI)
  11. Wang CM#, Shia WY#, Jhou YJ, Shyu CL, 2013. Occurrence and molecular characterization of reptilian *Campylobacter fetus* strains isolated in Taiwan. *Veterinary Microbiology*, 164(1-2), 67-76. (#co-first author) (SCI)
  12. Huang SW, Chan JP, Shia WY, Shyu CL, Tung KC, Wang CY, 2013. The utilization of a commercial soil nucleic acid extraction kit and PCR for the detection of *Clostridium tetanus* and *Clostridium chauvoei* on farms after flooding in Taiwan. *The Journal of Veterinary Medical Science*, 75(4), 489-495. (SCI)
  13. Chen MH, Hung SW, Shyu CL, Lin CC, Liu PC, Chang CH, Shia WY, Cheng CF, Lin SL, Tu CY, Lin YH, Wang WS, 2012. *Lactococcus lactis* subsp. *lactis* infection in Bester sturgeon, a cultured hybrid of *Huso huso* × *Acipenser ruthenus*, in Taiwan. *Research in veterinary science*, 93(2), 581-588. (SCI)
  14. Lin CH, Hou RF, Shyu CL, Shia WY, Lin CF, Tu WC, 2012. In vitro activity of mastoparan-AF alone and in combination with clinically used antibiotics against multiple-antibiotic-resistant *Escherichia coli* isolates from animals. *Peptides*, 36(1), 114-120. (SCI)
  15. Fuh YB, Shia WY, Lee WM, Shyu CL, Wang CY and Fei CY, 2011. The use of commercial soil nucleic acid extraction kit and nested PCR for detection of *Leptospira* in farm environment after flooding in taiwan. *Thai Journal of Veterinary Medicine*, 41(4): 493-498. (SCI)
  16. Shia WY, Chu PC, Chou CC and Lee WM, 2011. Investigation of the relationship between endometrial MMP activities and sex hormones in mature bitches. *Thai Journal of Veterinary Medicine*, 41(3): 289-297. (SCI)
  17. Saengsoi W, Shia WY, Shyu CL, Wu JT, Warinrak C, Lee WM, Cheng FP, 2011. Detection of matrix metalloproteinase (MMP)-2 and MMP-9 in canine seminal plasma. *Animal reproduction science*, 127(1-2): 114-119. (SCI)
  18. Shia WY, Tung KC, Chang SC, Yang CH, Lee CH, Chou CC and Lee WM, 2011. The level of vasopressin is not solely resulted from the concentration of endotoxin but proportional to creatinine in dogs with pyometra. *Pakistan Veterinary Journal*, 31(2): 93-98. (SCI)
  19. Shia WY, Songkaew A, Singhanetr S, Chou CC and Lee WM, 2011. The investigation of the relations between insulin-liked growth factor-I and body weight and between insulin-liked growth factor-I and sex in young cats. *Thai Journal of Veterinary Medicine*, 41(1): 105-109. (SCI)
  20. Shia WY, Liu SM, Lee CS, Lin JL, Chou CC, Yuasa Y, Chang SC and Lee WM, 2011. The activity of plasma matrix metalloproteinase-9 as a marker to reflect the tissue level of mammary glands tumor in dogs. *Thai Journal of Veterinary Medicine*, 41(1): 111-117. (SCI)