



## **Lo, Dan-Yuan**

### **Professor**

#### **Professional specialty:**

Veterinary Pathology, Veterinary Diagnostic Pathology, Veterinary Surgical Pathology, Veterinary Avian Pathology, Poultry Diseases

#### **Lectures:**

Veterinary Pathology, Veterinary Diagnostic Pathology, Veterinary Surgical Pathology, Veterinary Avian Pathology, Poultry Diseases

Tel : (886)05-2732941

E-mail : [vploody@mail.ncyu.edu.tw](mailto:vploody@mail.ncyu.edu.tw)

### **Educational Background**

Ph.D. in Veterinary Medicine, National Chung-Hsing University, 09/1997/-06/2005

Master of Veterinary Medical Science, National Chung-Hsing University

### **Current Position and Professional Career**

1. Veterinary Pathologist, Animal Disease Diagnostic Center, College of Veterinary Medicine, NCYU, 08/2010- now
2. Director, Animal Disease Diagnostic Center, College of Veterinary Medicine, NCYU, 08/2019- now
3. Professor, Department of Veterinary Medicine, College of Veterinary Medicine, NCYU, 08/2020- now

### **Honors**

Teaching Excellence Award, NCYU, 2019

### **Areas of Interest and Achievements**

Veterinary Pathology, Veterinary Diagnostic Pathology, Veterinary Surgical Pathology, Veterinary Avian Pathology, Poultry Diseases

### **Selected Publications**

1. Chang MH, Chen GJ, **Lo DY**. 2019. Chromosomal location of *mcr-1* in *Klebsiella pneumoniae* and *Enterobacter cloacae* from dogs. Taiwan Vet J 45: 79-84.
2. Yeh JC, Chen CL, Chiou CS, **Lo DY**, Cheng JC, Kuo HC. 2018. The com

- parison of prevalence, phenotype and antimicrobial resistance of Salmonella serovars isolated from turkeys in Taiwan. *Poult Sci* 97: 279-288, (SCI)
3. Dan-Yuan Lo, Jih-Ching Yeh, Siao-Fu Chueh, Pin-Huan Yu, Ming-Huang Chang, Hung-Chih Kuo. 2017. Case Report: Akabane disease in dairy cattle. *Taiwan Vet J* 43(2): 81-84.
  4. Jih-Ching Yeh, Dan-Yuan Lo, Shao-Kuang Chang, Chi-Chung Chou, Hung-Chih Kuo. 2017. Antimicrobial susceptibility, serotypes and genotypes of *Pasteurella multocida* isolates associated with swine pneumonia in Taiwan. *Vet Rec* 181(12): 323.
  5. Kuo HC, Lo DY, Chen CL, Tsai YL, Ping JF, Lee CH, Lee PA, Chang HFG. 2017. Rapid and sensitive detection of *Mycoplasma synoviae* by an insulated isothermal polymerase chain reaction-based assay on a field-deployable device. *Poult Sci* 96(1): 35-41.
  6. Kuo HC, Lo DY, Chen CL, Lee CH, Shen YH, Tsai YL, Lee PYA, Chang HFG. 2017. Rapid detection of type 2 porcine reproductive and respiratory syndrome virus by a duplex reverse transcription insulated isothermal PCR on a field-deployable system. *J Vet Sci Technol* 8(1): 1-7. (SCI)
  7. Jih-Ching Yeh, Chiou-Lin Chen, Chien-Shun Chiou, Dan-Yuan Lo, Ju-Chuan Cheng, Hung-Chih Kuo. 2017. The comparison of prevalence, phenotype and antimicrobial resistance of Salmonella serovars isolated from turkeys in Taiwan. *Poult Sci* 97(1): 279-288.
  8. Yen JC, Lo DY, Chang SK, Chou CC, Kuo HC. 2017. Prevalence of plasmid-mediated quinolone resistance in *Escherichia coli* isolated from diseased animals in Taiwan. *J Vet Med Sci* 79(4): 730-735.
  9. Dan-Yuan Lo, Jih-Ching Yeh, De-Hua Hu, Chiou-Lin Chen, Ming-Huang Chang and Hung-Chih Kuo. 2017. Case Report: The early abortion in sows caused by *E. Rhusiopathiae* from the semen. *Taiwan Vet J* 43(2): 95-99.
  10. Dan-Yuan Lo, Jih-Ching Yeh, Chris Chi, Chiou-Lin Chen, Ming-Huang Chang, Pin-Huan Yu, Hung-Chih Kuo. 2017. Case Report: Psittacine pox virus infection in *Agapornis Roseicollis*. *Taiwan Vet J* 43(2): 85-88.
  11. Jih-Ching Yeh, Dan-Yuan Lo, Shao-Kuang Chang, Chi-Chung Chou, Hung-Chih Kuo. 2017. Antimicrobial susceptibility, serotypes and genotypes of *Pasteurella multocida* isolates associated with swine pneumonia in Taiwan. *Vet Rec* 181(12): 323.

12. Chang SK, **Lo DY**, Wei HW, Kuo HC. 2015. Antimicrobial resistance of *Escherichia coli* isolates from canine urinary tract infections. *J Vet Med Sci* 77(1): 59-65.
13. Chan KW, Ping TY, Chou SJ, Zheng ZJ, Yang WC, Lai JM, **Lo DY**, Chang CC, Wu JT. 2014. Case Report: Treatment of an elderly dog with concurrent heart Disease and Acute uremia by Hemodialysis. *Taiwan Vet J* 39(3): 150-157.
14. **DY Lo**, YJ Lee, JH Wang, HC Kuo. 2014. The antimicrobial susceptibility and genetic characterisation of oxytetracycline-resistant *Edwardsiella tarda* isolated from diseased eels. *Vet Rec* 175(8): 203.
15. Hung-Chih Kuo, Tsai-Ling Lauderdale, **Dan-Yuan Lo**, Chiou-Lin Chen, Pei-Chen Chen, Chien-Shun Chiou. 2014. An association of genotypes and antimicrobial resistance patterns among *Salmonella* isolates from pigs and humans in Taiwan. *PLoS One* 9(4): e95772.
16. MH. Chang, FH Tsai, SJ Chou, JH Wang, DY Lo, ZZ Zheng, KW Chan, JM Lai. 2014. Positive influence of L-carnitine on the different muscle fibres types of racing pigeons. *J Anim Physiol Anim Nutr (Berl)* 98(4): 739-746.
17. **Lo DY**, Cheng JC, Chang MH, Liu JY, Chen JC, Chen CL, Kuo HC. 2013. Case report: Marek's disease complicated with *Salmonella Albany* infection in broiler breeders. *Taiwan Vet J* 39(3): 182-187.
18. Chan KW, Lin HT, Ping TY, Zheng ZJ, kuo LW, Hsiao HC, Chou SJ, **Lo DY**. Case report: Feline infectious peritonitis in a cat. *J Agric For* 10(2): 83-95.
19. Lo DY, Fan CW, Su YC, Chen CL, Kuo HC. 2013. Case report: Concurrent infection of *Histomonas meleagridis* and *Salmonella Enteritidis* in turkeys. *Taiwan Vet J* 39(1): 59-65.
20. Ping TY, Chan KW, Yang WC, Lai JM, Chou SJ, Lo DY, Zheng ZJ, Chang CC, Wu JT. 2013. Case report: Treatment of an elderly dog with concurrent heart disease and acute uremia by hemodialysis. *Taiwan Vet J* 39 (3): 150-157.
21. Chen MH 1, **Lo DY**, Liao JW, Hsuan SL, Chien MS, Lin CC, Chen TH, Lee WC. 2012. Immunostimulation of sugar cane extract on neutrophils to *Salmonella Typhimurium* infection in mice. *Phytotherapy Res* 26: 1062-1067 (SCI).
22. Tee KY, Gong SJ, **Lo DY**, Wang MY, Chiu HY, Wang JH, Tung KC, Wu JT. 2012. Encephalitozoon cuniculi infection in a rabbit. *Taiwan Vet J* 38(1): 1-6.
23. Kuo HC, Wang YP, Chang SK, Chen CL, Wang SW, Lo DY. 2012. Case report: Infectious laryngotracheitis in 4-week-old black-feather native chickens. *Taiwan*

Vet J 38(3): 208-212.

24. Wang SH, Kao MY, Wu SC, **Lo DY**, Wu JY, Chang JC, Chiou RYY. 2011. Oral administration of *Trapa taiwanensis* Nakai fruit skin extracts conferring hepatoprotection from CCl<sub>4</sub>-caused injury. *Agric Food Chem* 59: 3686-3692. (SCI)
25. Weng BBC, Lin YC, Hu CW, Kao MY, Wang SH, **Lo DY**, Lai TY, Kan LS, Chiou R YY. 2011. Toxicological and immunomodulatory assessments of botryosphaeran (b-glucan) produced by *Botryosphaeria rhodina* RCYU 30101. 2011. *Food Chem Toxicol* 49: 910-916. (SCI)
26. Lo DY, Wong MY, Chang SC, Tsai ZJ, Chou CL, Chen YZ. 2011. Surveillance for infectious diseases of duck in central and south areas of Taiwan during 2008-2009. *Taiwan Vet J* 37(4): 298-306.
27. Lo DY, Chen HY, Tee KY, Tseng YS, Wang KT, Tsai HP, Chou HY, Hsiao SH, Chang CC, Wu JT. 2011. Case report: Pyogranulomatous gastritis caused by *Pythium insidiosum* in a dog. *Taiwan Vet J* 37(2): 129-135.

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