



**Chao-Chin Chang, DVM, MS, PhD.  
Distinguished Professor and Vice President**

**Research Interests:** Epidemiology of Infectious Diseases

**Courses Taught:** Epidemiology, Epidemiological Data Analysis, Applied Epidemiology, Zoonoses

**Tel:** (04) 22840895 ext 706.

**E-mail:** changcc@dragon.nchu.edu.tw

### **Educational Background**

- PhD, Graduate Group in Epidemiology, University of California, Davis, USA
- MS, Graduate Institute of Public Health, National Taiwan University
- Bachelor, Department of Veterinary Medicine, National Taiwan University

### **Professional Career**

- Professor, Graduate Institute of Microbiology and Public Health, College of Veterinary Medicine, National Chung Hsing University (since February 2010)
- Adjunct Professor, College of Medicine, National Chung Hsing University (since June 2023)
- Dean, College of Veterinary Medicine, National Chung Hsing University (February 2018 - January 2021)
- Adjunct Professor, School of Veterinary Medicine, National Taiwan University (since August 2017)
- Co-convener (2018) and Convener (2021-2022), Division of Agricultural Resource Science, Ministry of Science and Technology

### **Honors**

- Distinguished Professor at National Chung Hsing University (since August 2020)
- Public Health Award, Chinese Society of Veterinary Sciences (2010, 2015)
- Teaching and Research Award, Taiwan Veterinary Elite Award, Dr. Lee Chung-Dao Foundation (2012)
- Academic Award, Chinese Society of Veterinary Sciences (2011)

### **Selected Publications**

1. Wang, Kung-Ching; Chang, Chia-Lin; Wei, Sung-Hsi; **Chang, Chao-Chin\***. The study on setting priorities of zoonotic agents for medical preparedness and allocation of research resources. PLoS One. 2024 Apr 30;19(4):e0299527. (\*Correspondence)
2. **Chang CC**, Chang CL. A global study of screening intensity and economic status on epidemic control performance during various epidemic periods of COVID-19 mutant strains.

Risk analysis 2024 Jul;44(7):1605-1615.

3. Chen YC, Ho MW, Chao WC, **Chang CC\***. Different Epidemiological Characteristics between Patients with Non-Hospital3 Onset and Hospital-Onset Candidemia: A Retrospective Cohort Study. *Epidemiol Infect* 2023; 151:e102. doi: 10.1017/S0950268823000894. (\*Correspondence)
4. Li TH and **Chang CC\***. Impact of fibropapillomatosis on clinical characteristics, blood gas, plasma biochemistry and hematological profiles in juvenile green turtles (*Chelonia mydas*). *Bull Mar Sci* 2020; 4:723-724. (\*Correspondence)
5. Li TH, Hsu WL, Lan YC, Balazs GH, Work TM, Tseng CT, **Chang CC\***. Identification of Chelonid herpesvirus 5 (ChHV5) in endangered green turtles (*Chelonia mydas*) with fibropapillomatosis in Asia. *Bull Mar Sci* 2017;93(4):1011-22. (\*: Correspondence)
6. Lan YC, Wen TH, **Chang CC\***, Liu HF, Lee PF, Huang CY, Chomel BB, Chen YMA. Indigenous wildlife rabies in Taiwan: ferret badgers, a long term terrestrial reservoir. *BioMed Res Int* 2017; 2017:5491640. doi: 10.1155/2017/5491640. (\*: Correspondence)
7. Stuckey MJ, Chomel BB, de Fleurieu EC, Aguilar-Setién A, Boulouis HJ, **Chang CC**. Bartonella, bats and bugs: A review. *Comp Immunol Microbiol Infect Dis*. 2017;55:20-29.
8. Li TH, **Chang CC\***, Cheng IJ, Lin SC. Development of a Summarized Health Index (SHI) for Use in Predicting Survival in Sea Turtles. *PLoS One* 2015;10(3):e0120796. (\*: Correspondence).
9. Chen CM, Ke SC, Li, CR, Chiou CS, **Chang CC\***. Prolonged Clonal Spreading and Dynamic Changes in Antimicrobial Resistance of *Escherichia coli* ST68 Among Patients Who Stayed in a Respiratory Care Ward. *J Med Microbiol* 2014;63(11):1531-41. (JCR, 65/119, Microbiology) (\*: Correspondence).
10. Chen CM, Ke SC, Li CR, **Chang CC\***. The comparison of genotyping, antibiogram, and antimicrobial resistance genes between carbapenem-susceptible and -resistant *Acinetobacter baumannii*. *Comp Immunol Microbiol Infect Dis* 2014;37(5-6):339-46. (\*: Correspondence).
11. Hsu Y.M., Tang C.Y., Lin H., Chen YH., Chen Y.L., Su Y.H., Chen D.S., Lin J.H., **Chang C.C.\***. Comparative study of class 1 integron, ampicillin, chloramphenicol, streptomycin, sulfamethoxazole, tetracycline (ACSSuT) and fluoroquinolone resistance in various *Salmonella* serovars from humans and animals. *Comp Immunol Microbiol Infect Dis* 2013; 36(1):9-16. (\*: Correspondence)
12. Lee Y.J., Chan J.P.W., Hsu W.L., Lin K.W., **Chang C.C.\*** Prognostic factors and a prognostic index for cats with acute kidney injury. *J Vet Intern Med* 2012;26:500-505. (\*: Correspondence)
13. Lin J.W., Hsu Y.M., Chomel B.B., Lin L.K., Pei J.C., Wu S.H., **Chang C.C.\*** Identification of novel *Bartonella* spp. in bats and evidence of Asian gray shrew as a new potential reservoir of *Bartonella*. *Vet Microbiol*. 2012;156:119-26. (\*: Correspondence)
14. Yuasa Y., Hsu T.H., Chou C.C., Huang C.C., Huang W.C., **Chang C.C.\*** The Comparison of Spatial Variation and Risk Factors between Mosquito-borne and Tick-borne Diseases: Seroepidemiology of *Ehrlichia canis*, *Anaplasma* species, and *Dirofilaria immitis* in Dogs. *Comp Immunol Microbiol Infect Dis* 2012;35(6)599-606. (\*: Correspondence)