



歐繕嘉 Shan-Chia Ou

副教授

研究領域：動物病毒學、獸醫免疫學、禽病學

教授課程：獸醫免疫學、禽病學

Tel: 04-22840369 轉 43

E-mail: scou@dragon.nchu.edu.tw

### 簡要學經歷

美國奧本大學哲學博士  
國立中興大學獸醫學碩士  
國立中興大學獸醫學系學士

### 工作經歷

國立中興大學微生物暨公共衛生學研究所副教授  
國立中興大學微生物暨公共衛生學研究所助理教授  
美國密西西比州立大學獸醫學院基礎科學系博士後研究員

### 研究興趣及成果簡述

1. 新興人畜共通傳染病流行病學調查、致病機制探討
2. 家禽疾病診療、檢測及預防控制
3. 家禽疫苗研發及疫苗效力評估

### 代表著作

1. Y-C Liu, G-R Liao, AY Tsai, C-Y Tseng, C-Y Kuan, R-S Tsai, RA Albrecht, R-L Kuo, I-C Cheng, W-T Liang, **S-C Ou\***, W-L Hsu\*. 2023. NS2 is a key determinant of compatibility in reassortant avian influenza virus with heterologous H7N9-derived NS segment. *Virus Research* 324:190028.
2. C-Y Kuan, **S-C Ou**, C-C Chang, P-L Kao, R-S Tsai, P Rattanapanadda, T-L Lin, K Maeda, T-L Cheng, Y-J Lee, S-T Chung, S-L Lin, H-Y Liu, F-Y Lin, J-W Lin, W-L Hsu, C-C Chou. 2023. Epidemiology of severe fever with thrombocytopenia syndrome in dogs and cats in Taiwan. *Viruses* 15:2338.
3. Y-T Chung, C-Y Kuan, G-R Liao, RA Albrecht, Y-Y Tseng, Y-C Hsu, **S-C Ou\***, W-L Hsu\*. 2022. A variant NS1 protein from H5N2 avian influenza virus suppresses PKR activation and promotes replication and virulence in mammals. *Emerging Microbes & Infections* 11(1):2291-2303.
4. K-P Li, Y-C Hsu, C-A Lin, P-C Chang, J-H Shien, H-Y Liu, H Yen\*, **S-C Ou\***. 2021. Molecular characterization and pathogenicity of the novel recombinant Muscovy duck parvovirus isolated from geese. *Animals* 11:3211.
5. T-L Lin, **S-C Ou**, K Maeda, H Shimoda, J P-W Chan, W-C Tu, W-L Hsu, C-C Chou. 2020. The first discovery of severe fever with thrombocytopenia syndrome virus in Taiwan. *Emerging Microbes & Infections* 9(1): 148-151.