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簡要學經歷

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工作經歷

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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 Hsu, K-P Li, P-C Chang, J-H Shien, W-L Hsu, H Yen, J-P Hsu, T-T Chen, **S-C Ou***. 2025. Genetic and antigenic characterization of classical and recombinant waterfowl parvoviruses circulating in Taiwan. *Poultry Science* 104:105654.
2. L-H Chen, Y-W Chen, F Lee, W-L Hsu, **S-C Ou***. 2024. Identification and genomic characterization of feline calicivirus from a leopard cat (*Prionailurus bengalensis*) in Taiwan. *Journal of Veterinary Medical Science* 86(6):660-664.
3. 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.
4. 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.
5. 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.
 6. 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.
 7. 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.