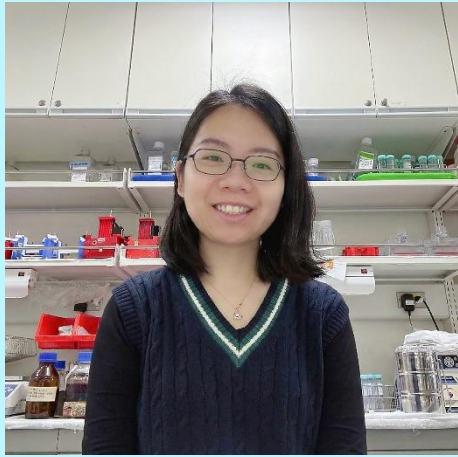




許 筑甯 HSU, Julia Chu-Ning

副教授

研究領域：代謝性疾病、退行性腦部疾病、
細胞與分子生物學、獸醫生理學、
獸醫藥理學

教授課程：普通動物學、獸醫生理學、獸醫藥理學、
病態生理學、比較生理學

Tel：04-22840368 ext. 14

E-mail：juliachsu@dragon.nchu.edu.tw

學歷

- 日本東京大学大学院農学生命科学研究科獣医学博士
- 國立中興大學獸醫學系學士

工作經歷

- 國立中興大學獸醫學系副教授
- 國立中興大學獸醫學系助理教授
- 國立中興大學獸醫學系博士後研究員

榮譽

- 日本東京大学全額獎學金
- 宏華興學基金學術獎
- 114 學年度國立中興大學興人師獎

代表著作

- Chen CH, Guo BC, Fang YW, **Hsu JCN**, Chen WH, Lee TS*, Kuo KL*. Di(2-ethylhexyl) phthalate accelerates chronic kidney disease through enhanced hepatic indoxyl sulfate production and impaired renal excretion via NOX-ROS signaling. *Journal of Hazardous Materials Advances*. 23: 101281, 2026.
- Chen CH, Cheng LC, Guo BC, Lee CJ, **Hsu JCN***, Lee TS*. Natural Defense against atherosclerosis: the therapeutic potential of *Torenia concolor* Lindley var. *formosana* Yamazaki extract in inhibiting the formation of macrophage-derived foam cells. *Journal of Physiological Investigation*. 69: 31–41, 2026.
- Chen WH, Wu YY, Hsu MC, Chen CH, **Hsu JCN**, Lee TS*. Bromelain enhances nitric oxide bioavailability: bradykinin's link to TRPV1/Ca²⁺/AMPK/autophagy signaling. *Biomedicine & Pharmacotherapy*. 190: 118376, 2025.
- **Hsu JCN**, Hu PA, Chen CH, Lee CJ, Hu HY, Hsu MC, Chen WH, Lee HT*, Lee TS*. Bromelain

prevents Alzheimer's disease progression by suppressing oxidative stress and upregulating apolipoprotein A1 in 5x familial Alzheimer's disease transgenic mice. *Journal of Agriculture and Food Research*. 21: 101927, 2025.

- **Hsu JCN**, Chiu KT, Chen CH, Wang CH, Shyue SK*, Lee TS*. HMGB1 regulates adipocyte lipolysis via caveolin-1 signaling: implications for metabolic and cardiovascular diseases. *International Journal of Molecular Sciences*. 26: 4222, 2025.
- Hung WM, Wang HC, **Hsu JCN***. A novel electroencephalographic evaluation of noxious stimulation during isoflurane anesthesia in dogs. *Experimental Animals*. 74: 83–92, 2025.
- **Hsu JCN**, Tseng HW, Chen CH, Lee TS*. Transient receptor potential vanilloid 1 interacts with Toll-like receptor 4 (TLR4)/cluster of differentiation 14 (CD14) signaling pathway in lipopolysaccharide-mediated inflammation in macrophages. *Experimental Animals*. 73: 336–346, 2024.
- **Hsu JCN**, Rairat T, Lu YP, Chou CC*. The use of tricaine methanesulfonate (MS-222) in Asian seabass (*Lates calcarifer*) at different temperatures: Study of optimal doses, minimum effective concentration, blood biochemistry, immersion pharmacokinetics, and tissue distributions. *Veterinary Sciences*. 10: 539, 2023.
- Rairat T, Chen SM, Lu YP, **Hsu JCN**, Liu YK, Chou CC*. Determination of temperature-dependent optimal oral doses of florfenicol and corresponding withdrawal times in Nile tilapia (*Oreochromis niloticus*) reared at 25 and 30°C. *Aquaculture*. 561: 738719, 2022.
- Sung CH, Liu PC, **Hsu JCN**, Chou CC*. C-reactive protein as an efficient indicator monitoring and prognosing canine inflammatory diseases. *Taiwan Veterinary Journal*. 47: 49–60, 2022.
- Rairat T, Liu YK, **Hsu JCN**, Hsieh CY, Chuchird N, Chou CC*. Combined effects of temperature and salinity on the pharmacokinetics of florfenicol in Nile tilapia (*Oreochromis niloticus*) reared in brackish water. *Frontiers in Veterinary Science*. 9: 826586, 2022.
- **Hsu JCN**, Sekizawa SI*, Tochinal R, Kuwahara M*. Loss of group II metabotropic glutamate receptor signaling exacerbates hypertension in spontaneously hypertensive rats. *Life (Basel)*. 11: 720, 2021.
- **Hsu JCN**, Sekizawa SI*, Tochinal R, Kuwahara M*. Chronic stimulation of group II metabotropic glutamate receptors in the medulla oblongata attenuates hypertension development in spontaneously hypertensive rats. *PLoS One*. 16: e0251495, 2021.
- Kaneko K, Chikamoto A, **Hsu JCN**, Tochinal R, Sekizawa SI, Yamamoto M, Kuwahara M*. Effects of environmental enrichment on autonomic nervous activity in NSY mice. *Experimental Animals*. 69: 161–167, 2020.