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Assistant Professor

Professional Specialty: Degenerative Nerve Diseases,
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Courses Taught: General Zoology, Veterinary Physiology,
Pathophysiology, Comparative Physiology
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### Educational Background

- Ph.D., Department of Veterinary Medical Sciences, Graduate School of Agricultural and Life Sciences, The University of Tokyo (Japan)
- BVM, Department of Veterinary Medicine, National Chung-Hsing University (Taiwan)

### Professional Career

- Postdoctoral Fellow, Department of Veterinary Medicine, National Chung-Hsing University (Taiwan)

### Honors

- The University of Tokyo Fellowship

### Selected Publications


- **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.
- 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, Tochinai 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, Tochinai 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**, Tochinai R, Sekizawa SI, Yamamoto M, Kuwahara M. Effects of environmental enrichment on autonomic nervous activity in NSY mice. Experimental Animals. 69: 161-167, 2020.