



**Liao, Jiunn-Wang** Title: **Professor**

**Research Specialty:**

Genetic and toxicopathology

**Courses Taught:**

Undergraduate: Vet. pathology, poisoning, swine disease

Graduate: Toxicologic pathology, Tumor pathology

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**Educational Background**

Ph.D., Department of Veterinary Medicine, National Taiwan University (1996-2000)

MS, Department of Veterinary Medicine, National Chung Hsing University (1991-1993)

BS, Department of Veterinary Medicine, National Chung Hsing University (1986-1989)

AS, Department of Veterinary Medicine, National Chiayi Institute of Agriculture (1977-1983)

**Professional Career and Honors**

Professor, Graduate Institute of Veterinary Pathobiology, National Chung Hsing University (2025/2-present)

Professor and Director, Animal Disease Diagnostic Center, National Chung Hsing University (2016/2-2025/1)

Professor and Director, Graduate Institute of Veterinary Pathobiology, National Chung Hsing University (2012/8-2015/7)

Distinguished Professor Award, National Chung Hsing University (2011/8-2013/7)

Professor, Graduate Institute of Veterinary Pathobiology, National Chung Hsing University (2010/8-present)

Associate Professor, Graduate Institute of Veterinary Pathobiology, National Chung Hsing University (2007/2-2010/7)

Assistant Professor, Graduate Institute of Veterinary Pathology, National Chung Hsing University (2005-2007)

Research Assistant to Associate Researcher, Applied Toxicology Department, Taiwan Agricultural Chemicals and Toxic Substances Research Institute (1989-2004)

**Research Interests**

Food, chemical and medical's genetic and lab animal toxicology

Toxicopathology in laboratory animals, and Veterinary pathology

**Selected Publications (2024-2025)**

1. Tang SC, Chuang WC, Liao JM, Tsai YH, Chen LC, Liao JW, Ko JL, Ou CC\*. The protective effects of *Lactobacillus reuteri* combined with *Clostridium butyricum* Miyairi 588 on intestinal barrier function, water transport, and oxidative stress in a rat model of 5FU-induced diarrhea. *Food Science & Nutrition*. 2025. May 23;13(6):e70318.
2. Yeh SL, Chen PY, Liao JW, Huang RL, Yu SH, Chen LN, Lee MH, Chen LW, Chen HW, Yang YC, Wu YL\*, Liu KL\*. The protective effects of perch essence against muscle atrophy in cancer cachexia and cisplatin treatment. *Current Issues in Molecular Biology*. 2025, 47(3), 152.
3. Yamada Y, Wang YC, Liu HP, Gerongano GR, Tseng CY, Liu SC, Liao GR, Chang CC, Liao JW, Wang ML, Chang YY, Lin FY and Hsu WL\*. Development of attenuated Orf virus as a safe oncolytic viral vector for nasopharyngeal carcinoma treatment. *Virology Journal* 2025. 22:50.
4. Chen WJ, Chen YT; Ko JL, Chen JY, Liao JW, and Ou CC.\* Butyrate Improves nephrotoxicity caused by cisplatin through anti-inflammatory and regulating of gut microbiota. *Biomedicine & Pharmacotherapy*. 2024;181 (2024) 117689
5. Chen YR, Lien HM, Tsai FJ, Liao JW, Chen YT\*. The gastroprotective effects of *Anisomeles indica* against ethanol-induced gastric ulcer through the induction of I $\kappa$ B- $\alpha$  and the inhibition of NF- $\kappa$ B expression. *Nutrients* 2024, 16, 2297.
6. Tsai MS, Liou GG, Liao JW, Lai PY, Yang DJ, Wu SU, Wang SH\*. N-acetyl cysteine overdose induced acute toxicity and hepatic microvesicular steatosis by disrupting gsh and interfering lipid metabolisms in normal mice. *Antioxidants* 2024, 13, 832.

Updated: 2025/7/1