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Professor

Professional specialty:

Aquatic Animal Diseases, Veterinary Immunology,
Veterinary Bacteriology, Pharmacology

Lectures:

Diseases of Aquatic Animals, Veterinary Immunology
Diagnosis Techniques and Practice

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Educational Background

Master of Veterinary Medical Science, National Taiwan University, Taiwan

Bachelor of Veterinary Medicine, National Chung-Hsing University, Taiwan

Current Position and Professional Career

Professor, Department of Veterinary Medicine, NCYU, 02/2000- now

Areas of Interest and Achievements

Diagnosis, prevention, and treatment of aquatic animal diseases

Clinical immunology of veterinary medicine.

Pharmacological dynamics and residues of antimicrobes in animals.

Selected Publications

1. Chang CP, Hou PH, Yang WC, Wu CF, Chang CC, Tsai MY, Tsai HP, Lin CT, Xue YJ, **Wang JH**, Chang GR. **Analytical Detection of Sulfonamides and Organophosphorus Insecticide Residues in Fish in Taiwan.** *Molecules* (IF 3.060) **Pub Date : 2020-03-25** , DOI: [10.3390/molecules25071501](https://doi.org/10.3390/molecules25071501)
2. Chen RS, Sheu SY, Wang CY, Kuo CW, **Wang JH***, Kuo TF*, Chou CH*. Plasma and Tissue Depletion of Oxolinic Acid after Administration to Orange-Spotted Grouper (*Epinephelus coioides*), Snubnose Pompano (*Trachinotus blochii*) and Giant Seaperch (*Lates calcarifer*). *Isr J Aquacult-Bamid* 72, 2020.
3. Chen RS, Sheu SY, Xue YJ, Wang CY, Wang WS, **Wang JH***, Kuo TF*, Chou CH*. Depletion study of oxolinic acid in freshwater softshell turtle (*Pelodiscus sinensis*) with multiple-dose oral administration. *Isr J Aquacult-Bamid* 71, 2019.
4. Chang HY, Yang WC, Xue YJ, Tsai MY, **Wang JH**, Chang GR. Phthalates and

organophosphorus insecticide residues in shrimp determined by liquid/gas chromatography–Tandem mass spectrometry and a health risk assessment. *Mar Pollut Bull* 144: 140-145, 2019.

5. Chen RS, Sheu SY, Xue YJ, Wang CY, Liu CH, Kuo TF[#], **Wang JH**[#], Chou CH^{#*}. Withdrawal Period of Oxolinic Acid in Cobia (*Rachycentron canadum*): Validation of an LC-MS/MS Method. *Isr J Aquacult-Bamid* 71, 2019.
6. Chen IH, Chou LS, Chou SJ, **Wang JH**, Stott J, Blanchard M, Jen IF, Yang WC*. Sound exposure-induced cytokine gene transcript profile changes in captive bottlenose dolphin (*Tursiops truncatus*) blood identified by a probe-based qRT-PCR. *Journal of Veterinary Medical Science* 80(4): 601-605. (SCI)
7. Huang HC, Huang SW, Yu KH, **Wang JH**, Wu JT. 2017. Development of a sedation protocol using orally administered tiletamine-zolazepam-acepromazine in free-roaming dogs. *Veterinary Anaesthesia and Analgesia* DOI:<https://doi.org/10.1016/j.vaa.2017.03.003> (SCI)
8. Kuo WY, Huang HC, Huang SW, Yu KH, Cheng FP, **Wang JH**, Wu JT. Benefits of an Intraluminal Agarose Stent on End-to-End Intestinal Anastomosis in New Zealand White Rabbits. *Comparative Medicine* 67(6): 504-507, 2017. (SCI)
9. Tsai MA, Chen IH, **Wang JH**, Chou SJ, Li TH, Leu MY, Ho HK, Yang WC*. A probe-based qRT-PCR method to profile immunological gene expression in blood of captive beluga whales (*Delphinapterus leucas*). *PeerJ* 5:e3840.
10. Lai JM, Chang MH, Huang MY, **Wang JH**. Urinary retention caused by a botched castration in a goat. *Taiwan Vet J* 43(2): 89-94, 2017.

Update: 02/02/2021