

# CURRICULUM VITAE

Personal Information			
Name	Qingchao Wang	Gender	Male
Position Title	Associate Professor		
Working Department	College of Fisheries		
Email	<a href="mailto:qcwang@mail.hzau.edu.cn">qcwang@mail.hzau.edu.cn</a>		
Address	1 Shizishan Street, Wuhan, Hubei, China 430070		
Tel	+86 13871499065	Fax	+86-27-87282113
Research Interest			
Fish Immunometabolism			
Professional Memberships			
Junior Editorial Board Members for <i>Reviews in Aquaculture</i> , Review Editor for <i>Frontiers in Immunology</i> Guest Editor for <i>Frontiers in Physiology</i> Topical Advisory Panel Member for <i>Metabolites</i>			
Other Roles			
Education & Working Experience			
2024.01- Present Ph.D supervisor 2020.01- Present Associate Professor 2018.01-2019.12 Master supervisor 2015.07-2019.12 Lecturer			
Publications (Recent 5-years)			
1. Wang Q*, Nie P. Novel and continuous scientific and technical breakthroughs increase value and efficiency in aquaculture. <i>Reviews in Aquaculture</i> 2024, 31(7): 1–10. 2. Chen Z, et al. Preparation and application of polyclonal antibody against largemouth bass NLRP3 protein. <i>Journal of Fishery Sciences of China</i> , 2017, 24(5): 970-976. 3. Wang Q, et al. Programmed cell death in aquatic animals. <i>Front. Immunol.</i> 2024, 15:1428742. 4. Song Z, et al. MAPK pathway differentially regulated the apoptosis and inflammatory necrosis of respiratory epithelial cells during bacterial infection in a primitive vertebrate.			

Developmental & Comparative Immunology 2023, 148:105020

5. Zou J, et al. Liver injury and metabolic dysregulation in largemouth bass (*Micropterus salmoides*) after ammonia exposure. *Metabolites* 2023, 13(2):274.
6. He Y, et al. Metabolic Research in Aquatic Animal Nutrition, Physiology and Disease. *Metabolites* 2023, 14(1):22.
7. Cao J., et al. Conserved Role of mTORC1 Signaling in B Cell Immunity in Teleost Fish. *J Immunol.* 2022, 09(6):1095-1107.
8. Wang M, et al. Largemouth bass (*Micropterus salmoides*) exhibited better growth potential after adaptation to dietary cottonseed protein concentrate inclusion but experienced higher inflammatory risk during bacterial infection. *Front Immunol.* 2022;13:997985.
9. Song Z, et al. A comparative review of pyroptosis in mammals and fish. *Journal of Inflammation Research*, 2022:15 2323–2331.
10. Jiao C, et al. Dietary glutamine inclusion regulates immune and antioxidant system, as well as programmed cell death in fish to protect against *Flavobacterium columnare* infection. *Antioxidants.* 2022; 11(1):44.
11. Li S, et al. Effects of glycyrrhizic acid on hatchability, growth, and physiological responses of farmed dojo loach (*Misgurnus anguillicaudatus*) during early life stages. *Aquaculture*, 2022, 557: 738323.
12. Ge J, et al. Genetic adaption and metabolic response of aquatic animals to diverse water environment parameters. *Front Physiol.* 2022;13:1092413.
13. Wang Q, et al. Arginine metabolism and its functions in growth, nutrient utilization, and immunonutrition of fish. *Animal Nutrition*, 2021, 7(3): 716-727. (IF2020: 6.383)
14. Wang M, et al. The Programming of Antioxidant Capacity, Immunity, and Lipid Metabolism in Dojo Loach (*Misgurnus anguillicaudatus*) Larvae Linked to Sodium Chloride and Hydrogen Peroxide Pre-treatment During Egg Hatching. *Frontiers in Physiology*, 2021, 12:768907.(IF2020: 4.583)
15. Song Z, et al. Dietary *Acanthopanax senticosus* extracts modulated the inflammatory and apoptotic responses of yellow catfish to protect against *Edwardsiella ictaluri* infection. *Aquaculture Research*, 2021, 00: 1-15. (IF2020: 2.082)
16. Yu Y, et al. Immunoglobulins, mucosal immunity and vaccination in teleost fish. *Frontiers in Immunology* 2020, 11:567941.
17. Wang Q, et al. Dietary *Glycyrrhiza uralensis* extracts supplementation elevated growth performance, immune responses and disease resistance against *Flavobacterium columnare* in yellow catfish (*Pelteobagrus fulvidraco*). *Fish & Shellfish Immunology* 2020, 97: 153–164.
18. Wang Q, et al. Current use and development of fish vaccines in China. *Fish & Shellfish Immunology* 2020, 96: 223–234.