

CURRICULUM VITAE

Personal Information			
Name	Rong TANG	Gender	Female
Position Title		Associate Professor	
Working Department		College of Fisheries	
Email	tangrong@mail.hzau.edu.cn		
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Research Interest			
1. Environmental biology of fishes In particular research into the effect of natural environmental factors (such as temperature, nitrite and heavy metal) on development, growth, antioxidant system, reproduction, and related gene expressions of fishes and cells.			
2. Fish physiology Especially study on mitophagy and endoplasmic reticulum stress of fishes and cells.			
3. Healthful aquaculture Build the platform of aquatic products quality and safety traceability system and work on the Aquaponic, Grass feed and Engineering Aquaculture.			
Education & Working Experience			
1. Education			
Visiting scholar , Mar 2017–Feb 2018, Division of biological science, University of California San Diego, USA Major: Biological Science			
Visiting scholar , Apr 2008–Oct 2008, Department of Public Health Sciences, University of Hawaii, USA Major: Cell Biology			
Post doctor of Hydrobiology , Dec 2005–Jan 2008, Institute of Hydrobiology, Chinese Academy of Science, China Major: Hydrobiology			
Doctor of Science , Sept 2000–Jun 2005, College of Life Science and Technology, Huazhong University of Science and Technology, China. Major: Biomedical Engineering			
Bachelor of Medicine , Sep 1995–Jul 2000, College of Fisheries, Tongji Medical College of Huazhong University of Science and Technology, China. Major: Clinic Medicine			
2. Working Experience			
Dec 2015–Present , Associate Professor, College of Fisheries, Huazhong Agricultural University, China			
Jul 2005–Dec 2015 , Lecturer, College of Fisheries, Huazhong Agricultural University, China			



Publications

1. Tingting Zhang, Siyuan Sun, Ana Gavrilovic', Dapeng Li, Rong Tang*. Selenium alleviates cadmium-induced oxidative stress, endoplasmic reticulum stress, and apoptosis in L8824 cells. Ecotoxicology and Environmental Safety. 2023, 262, 115337.
2. Zhenyi Hu, Dengfeng Han, Tingting Zhang, Dapeng Li, Rong Tang*. Ammonium induces oxidative stress, endoplasmic reticulum stress, and apoptosis of hepatocytes in the liver cell line of grass carp (*Ctenopharyngodon idella*). Environmental Science and Pollution Research. 2022
3. Siyuan Sun, Zhenyi Hu, Zhengyi Lu, Lu Liu, Xuan Liu, Qiong Zhou, Bin Huo, Dapeng Li, Rong Tang*. Genetic Diversity and Population Structure of *Hemiculter leucisculus* (Basilesky, 1855) in Xinjiang Tarim River. Genes, 2022,13,1790.
4. Dengfeng Han, Zhenyi Hu, Dapeng Li, Rong Tang*. Nitrogen Removal of Water and Sediment in Grass Carp Aquaculture Ponds by Mixed Nitrifying and Denitrifying Bacteria and Its Effects on Bacterial Community. Water, 2022, 14,1855
5. Ting-ting Zhang, Pin Ma, Xiao-yan Yin, Dong-ye Yang, Da-peng Li, Rong Tang*. Acute nitrite exposure induces dysfunction and oxidative damage in grass carp (*Ctenopharyngodon idellus*) isolated hemocytes. Journal of Aquatic Animal Health, 2022,34(2):58-68.
6. Zhenyi Hu, Chenglong Qi, Chenzhi Lin, Rong Tang*. Nitrite Stress Induces Oxidative Stress and Leads to Muscle Quality Decreased in Wuchang Bream (*Megalobrama amblycephala Yih*) Juveniles. Water, 2022, 14,160
7. Tingting Zhang, Chaorui Yao, Zhenyi Hu, Dapeng Li, Rong Tang*. Protective effect of selenium on the oxidative damage of kidney cells induced by sodium nitrite in grass carp (*Ctenopharyngodon idellus*). Biological Trace Element Research,2021
8. Pin Ma, Xiaoyan Yin, Dapeng Li, Li Li, **Rong Tang***. Acute temperature changes induce an oxidative stress response in kidney cells of grass carp *Ctenopharyngodon idellus*. Fisheries Science, 2021, 87:775-784
9. Pin Ma, Zhenyi Hu, Li Li, Dapeng Li, **Rong Tang***. Dietary selenium promotes the growth performance through growth hormone-insulin-like growth factor and hypothalamic-pituitary-thyroid axes in grass carp (*Ctenopharyngodon idella*). Fish Physiology and Biochemistry, 2021, 47:1313-1327
10. Lixia Xie, Siqi Chen, Chaorui Yao, Dapeng Li, Li Li, **Rong Tang***. Nitrite induces endoplasmic reticulum stress and associates apoptosis of liver cells in grass carp (*Ctenopharyngodon idella*). Aquaculture, 2019, 507:275-281