**CURRICULUM VITAE**

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| **Personal Information**  | C:\Users\Yang Zhou\AppData\Local\Microsoft\Windows\INetCache\Content.Word\IMG_6355-8k4k.jpg |
| Name | Yang Zhou | Gender | Female |
| Position Title | Associate professor |
| Working Department | Department of Aquatic Animal Medicines, College of Fisheries |
| Email | zhouyang@mail.hzau.edu.cn; zhouyang8728@gmail.com  |
| Address | 1st Shizishan St., Wuhan, Hubei 430070, China |
| Tel | +8613006380010 | Fax  | +862787282113 |
| **Research Interest**  |
| The focus of my laboratory is to understand the pathogenesis of bacterial pathogens of fish and other aquatic animals. Current studies are focused on immune evasion mechanism of *Aeromonas hydrophila*, which causes significant economic losses to aquaculture worldwide each year. We combined DNA/RNA comparative genomic approaches using strains with different isolation patterns to discover new virulence and regulatory factors. We also have interests in vaccine and diagnostic method development with new technology against this pathogen. |
| **Professional Memberships** |
| **Journal Reviewer**BioMed Research International Fish & Shellfish Immunology |
| **Other Roles** |
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| **Education & Working Experience** |
| **WORKING EXPERIENCE*** 2015-present, Associate professor, Department of Aquatic Animal Medicines, College of Fisheries, Huazhong Agricultural University
* 2015-2017, Postdoctoral associate, Department of Infectious Disease & Pathology, College of Veterinary Medicine, University of Florida
* 2013-2015, Lecturer, Department of Aquatic Animal Medicines, College of Fisheries, Huazhong Agricultural University

**EDUCATION*** 2011-2013, Joint PhD, Montana State University, Department of Infectious diseases and Immunity
* 2008- 2013, PhD, Huazhong Agricultural University, College of Veterinary Medicine, Preventive veterinary medicine
* 2005- 2009, BS, Huazhong Agricultural University, Life Science and Technology
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| **Publications** |
| 1. **Yang Zhou#**, Xingxing Dong**#**, Zhiwei Li**#**, Geng Zou, Li Lin, Xiaohong Wang, Huanchun Chen, Robin B. Gasser, Jinquan Li\*. Predominance of *Streptococcus suis* ST1 and ST7 in human cases in China, and detection of a novel sequence type, ST658. ***Virulence***,2017. **JCR Q1**
2. Yachan Ji, Jinquan Li, Zhendong Qin, Aihua Li, Zemao Gu, Xiaoling Liu, Li Lin, **Yang Zhou**\*. Contribution of nuclease to the pathogenesis of *Aeromonas hydrophila*. [***Virulence***,](http://www.ncbi.nlm.nih.gov/pubmed/?term=Contribution+of+nuclease+to+the+pathogenesis+of+Aeromonas+hydrophila##) 2015, 6(5):515-22. **JCR Q1**
3. **Yang Zhou#**, Yan Wang**#**, Limei Deng, Chnegkun Zheng, Fangyan Yuan, Huanchun Chen, Weicheng Bei, Jinquan Li\*. Evaluation of the protective efficacy of four novel identified membrane associated proteins of *Streptococcus suis* serotype 2. ***Vaccine***, 2015, 33(19): 2254-60 **JCR Q2**
4. Feifei Zheng, Muhammad Asim, Jiangfeng Lan, Lijuan Zhao, Shun Wei, Nan Chen, Xiaoling Liu, **Yang Zhou**\*, Li Lin\*. [Molecular Cloning and Functional Characterization of Mannose Receptor in Zebra Fish (*Danio rerio*) during Infection with *Aeromonas sobria*.](http://www.ncbi.nlm.nih.gov/pubmed/25988382) ***Int J Mol Sci***, 16(5):10997-1012, 2015 **JCR Q3**
5. Xiaoling Liu, Xiaocheng Tang, Li Wang, Jie Li, Hong Wang, Shun Wei, Rui Fang, Wei Ji, Gailing Yuan, Nan Chen, Zemao Gu, Xueqin Liu, Weimin Wang, Muhammad Asim, **Yang Zhou**\*, Li Lin\*. Molecular cloning and expression analysis of mannose receptor in blunt snout bream (*Megalobrama amblycephala*). ***Mol Biol Reps***, 41(7):4601-11, 2014 **JCR Q4**
6. **Yang Zhou**, Tracey S Hanks, Wenchao Feng, Jinquan Li, Guanghui Liu, Mengyao Liu, Benfang Lei\*, The *sagA/pel* locus does not regulate the expression of the M protein of the M1T1 lineage of group A Streptococcus, ***Virulence***, 2013, 4(8): 698-706 **JCR Q1**
7. **Yang Zhou**, Lu Li, Zhaohui Chen, Hong Yuan, Huanchun Chen, Rui Zhou\*, Adhesion protein ApfA of *Actinobacillus pleuropneumoniae* is required for pathogenesis and is a potential target for vaccine development, ***Clin Vaccine Immunol***, 2013, 20(2): 287-94 **JCR Q3**
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| **Additional Information**  |
| **FUNDED PROJECT (PI)**2017, PI, National Natural Science Foundation of China, Project (31772889)2015, PI, Fundamental Research Funds for the Central Universities, Project (2662016QD010)2015, PI, China Postdoctoral Science Foundation (2015T80819)2014, PI, National Natural Science Foundation of China, Project (31402341) |