

Hui Fan

PhD student

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EDUCATION

- 2023-now, PhD, Biology, Department of Biology, Hong Kong Baptist University
- 2019-2022 M.Phil., Microbiology, Lamprey Research Center, School of Life Science, Liaoning Normal University
- 2015-2019 B.Sc., Biological Technology, College of Bioscience and Biotechnology, Shenyang Agricultural University

RESEARCH INTERESTS

Phylogenetics

Genomics

Biodiversity

Molecular biology

ACADEMIC ACTIVITIES

- Workshop on Phylogenomics, 21st Jan- 3rd Feb 2024, Cesky Krumlov, Czech Republic

PUBLICATIONS

- **Fan Hui**, Qingwei Li and Ting Zhu. "Genome-wide identification and characterization of *NLR* genes in lamprey (*Lethenteron reissneri*) and their responses to lipopolysaccharide/poly (I: C) challenge". *Molecular Immunology*. 143 (2022) 122–134.
- **Fan Hui** and Ting Zhu "Evolutionary analysis and functional characteristics of the *NLR* gene family in lampreys (*Lethenteron reissneri*)". *Abstracts of the 2021 Liaohai Biology and Aquatic Young Scholars Forum*.
- Jian Qua, Ming Geng, Xueting Hu, Shaoshu Fen, Yu Liu, **Fan Hui**, Meiao Li, Jinzhao Li, Peng S, Xin Li, Qingwei Li, and Ting Zh. "Molecular evolution and expression pattern of Toll-like receptor 3 from the lamprey *Lampetra japonica*". *Acta Biochimica et Biophysica Sinica*. 2021.53(2):258-26.
- Ting Zhu, Yongxin Li, Yue Pang, Yinglun Ha, Jun L, Zhongkai Wan, Xin Liu, Haorong Li, Yishan Hu, Hui Jian, Hongming Ten, Jian Quan, Yu Li, Ming Gen, Meiao L, **Fan Hui**, Jinzhao Li, Qiang Qi, Qingwei L, Yandong Ren. "Chromosome-level genome assembly of *Lethenteron reissneri* provides insights into lamprey evolution". *Molecular Ecology Resources*. 2021, 21(2):448-463.