

Hui Fan

PhD student

Department of Biology,

Hong Kong Baptist University,

Kowloon Tong, Kowloon.

Email: 23482648@life.hkbu.edu.hk

Supervisor: Prof. QIU Jianwen (HKBU)



EDUCATION

- 2023-present, PhD student, Biology, Department of Biology, Hong Kong Baptist University
- 2019-2022 M.Sc., 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
- Sample to Genome workshop, 7th Oct - 11th Oct 2024, Wellcome Trust Genome Campus, Hinxton, Cambridge
- Presented an oral presentation at the 17th Deep-Sea Bio Symposium, 12th -17th Jan 2025, HKUST, HongKong

PUBLICATIONS

- **Fan Hui**, Yi-Tao Lin, Maeva Perez, Jian-Wen Qiu and Yanan Sun. "A New Species of Natsushima (Annelida: Chrysopetalidae) Living in the Mantle Cavity of a Deep-Sea Solemyid Clam". *Zoological Studies*. 2024, 63:e41.
- Lutian Wang, **Fan Hui**, Yu Liu, Yijie Zhang, Weiyin Xu, Qingkui Bai and Ting Zhu. "Evolution and expression of TLR5a and TLR5b in lamprey (*Lampetra japonica*)". *Fish & Shellfish Immunology*, 2025, 157: 110061.
- **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*. 2022, 143:122–134.
- Jian Quan, 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.