

Liu Dingrui

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Education Background

Westlake University/SMART	Sep 2024 - Now
Doctor of philosophy , joint program with SMART	Shenzhen, China
Sun Yat-Sen University	Sep 2021-Jun 2024
Master of science , School of Life Science	Guangzhou, China
South China Agriculture University	Sep 2017-Jun 2021
Bachelor of Aquaculture , School of Marine Science	Guangzhou, China

Publications

Liu, D., Zhang, J., Zou, Z., Chen, L., Lin, J., Zeng, J., Hou, J. M., Han, L., Jiang, Y., Li, S., & Zhang, Y. (2024). Identification of SNPs and candidate genes associate with growth performance in all-female mandarin fish (*Siniperca chuatsi*) by a genome-wide association study. **Aquaculture**, 740778. <https://doi.org/10.1016/j.aquaculture.2024.740778>

Liu, D., Zhang, Z., Song, Y., Yang, J., Lu, Y., Lai, W., Wu, Z., Zhao, D., Lin, H., Zhang, Y., Zhang, J., & Li, S. (2023). Effects of salinity on growth, physiology, biochemistry and gut microbiota of juvenile grass carp (*Ctenopharyngodon idella*). **Aquatic toxicology**, 258, 106482. <https://doi.org/10.1016/j.aquatox.2023.106482>

Skills

Animal experiment skills: Fish husbandry, Anesthesia, Sampling, Haemospasia

Wet lab skills: RNA/DNA Extraction, Real-time PCR, Library Construction, Protein Purification

Software skills: Prism, R Studio, Linux, Adobe Illustrator

Research Experience

Institute of Bio-Architecture and Bio-Interaction, SMART	Shenzhen, China
PhD student in Professor Xiaojing Pan's Lab	Sep 2021-Jun 2024
State Key Laboratory of Biocontrol, Sun Yat-Sen University	Guangzhou, China
Postgraduate student in Professor Yong Zhang's Lab	Sep 2024-Now

Work Experience

Guangzhou Chengyi Aquaculture Co., Ltd.	Oct 2021-Dec 2021
Interns; domestication and culture of grass carp	Guangzhou, China
Guangdong Liangshi Aquatic seed Co., Ltd.	Mar 2022-Aug 2022
Interns; Artificial fertilization and breeding of mandarin fish	Foshan, China

Honors and Sponsorships

Outstanding graduate of Sun Yat-sen University	2024
The “Lin Haoran” Scholarship of Sun Yat-sen University	2022
China National Scholarship for Postgraduates	2023
Sun Yat-Sen University First Prize Scholarship	2021-2024
College-Level Outstanding Student Leader	2022
The “Liao Xianghua, Lin Ding” Scholarship Sun Yat-sen University	2022

Languages

Mandarin (Native), English (Fluent), Cantonese (Fluent)