

Min Li (李旻)

+86 18851387887 · mli.bio@outlook.com · WhyLIM · CV

EDUCATION

- Bachelor of Sciences in Bioinformatics, **Soochow University**, Suzhou, Jiangsu, China (Sep 2018 – Jun 2022)

EMPLOYMENT

Research Assistant

Medical Research Institute, **Guangdong Provincial People's Hospital (Guangdong Academy of Medical Sciences)**, Southern Medical University, Guangzhou, Guangdong, China (Mar 2023 – present)

SKILLS

- Operating system: Windows, Linux (Zorin, Ubuntu, CentOS, Kali), Hackintosh
- Programming language: Python, R, HTML, CSS, JavaScript, VUE3, MySQL

PEER-REVIEWED ARTICLES (Co-first author[#])

- Li, M.[#], Liu, S.[#], Ma, S.[#], Shang, X., Zhang, X., Jason, H., Huang, Y., Kiburg, K., Zhao, K., Hu, G., Zhang, L., Yu, H., He, M., & Zhang, X. (2024). Network-based hub biomarker discovery for glaucoma. *BMJ Open Ophthalmol*, 9(1). <https://doi.org/10.1136/bmjophth-2024-001915> IF 2.0
- Zhang, X.[#], Li, M.[#], Ye, S.[#], Shen, K.[#], Yuan, H., Bakhtyar, S., Peng, Q., Liu, Y., Wang, Y., & Li, M. (2023). CBD2: A functional biomarker database for colorectal cancer. *iMeta*, e155. <https://doi.org/10.1002/imt.2.155> IF 23.7
- Zhang, X.[#], Huang, Y.[#], Liu, S., Ma, S., Li, M., Zhu, Z., Wang, W., Zhang, X., Liu, J., Tang, S., Hu, Y., Ge, Z., Yu, H., He, M., & Shang, X. (2024). Machine learning based metabolomic and genetic profiles for predicting multiple brain phenotypes. *J Transl Med*, 22(1), 1098. <https://doi.org/10.1186/s12967-024-05868-3> IF 6.1
- Zhang, X.[#], Li, D.[#], Ye, S.[#], Liu, S.[#], Ma, S., Li, M., Peng, Q., Hu, L., Shang, X., He, M., & Zhang, L. (2024). Decoding the genetic comorbidity network of Alzheimer's disease. *BioData Min*, 17(1), 40. <https://doi.org/10.1186/s13040-024-00394-w> IF 4.0
- Ye, S.[#], Ma, S.[#], Liu, S.[#], Huang, Y.[#], Li, D.[#], Li, M., Su, T., Luo, J., Zhang, C., Shi, D., Hu, L., Zhang, L., Yu, H., He, M., Shang, X., & Zhang, X. (2024). Shared whole environmental etiology between Alzheimer's disease and age-related macular degeneration. *NPJ Aging*, 10(1), 36. <https://doi.org/10.1038/s41514-024-00162-4> IF 4.1
- Wang, Z., Li, M., Tang, M., & Hu, G. (2023). From big data to complex network: a navigation through the maze of drug–target interaction. In *Big Data Analytics in Chemoinformatics and Bioinformatics* (pp. 407–436). Elsevier. Chapter

CONFERENCE PROCEEDINGS

October 9th–12th, 2024

13th National Conference on Bioinformatics and Systems Biology, Haikou, Hainan, China. – **Poster presentation.**

- **October 27th-30th, 2023**

12th National Conference on Bioinformatics and Systems Biology, Qingdao, Shandong, China. – **Poster presentation.**

★ ACADEMIC CONTRIBUTIONS

Academic Societies and Associations Services

- **Member**, Youth Committee of *Sichuan Bioinformatics Society* (2023 – present)

Research Contributions

- Peer Reviewer for Springer Journal: *BJC Reports* (2024), *Journal of Gastrointestinal Cancer* (2025)
- Provided expert support in **protein structure modeling and docking** for the paper "*Loss of ESRP2 Activates TAK1-MAPK Signaling through the Fetal RNA-Splicing Program to Promote Hepatocellular Carcinoma Progression*" published in *Advanced Science* IF 14.3 (doi: [10.1002/advs.202305653](https://doi.org/10.1002/advs.202305653)). Specifically acknowledged in the acknowledgements section. (2023)

Research Fundation

- **National Natural Science Foundation of China (General Program)**, Grant No. **32470680**, Research on the impact of integration sites on gene-level functions to improve the efficiency of susceptibility gene mapping (2025 – 2028), **Participant**
- **Natural Science Foundation of Guangdong Province (General Program)**, Grant No. **2025A1515011475**, Construction of Alzheimer's disease comorbidity map based on genetic-environmental interaction network (2025 – 2027), **Participant**
- **Guangdong Provincial Medical Research Fund**, Grant No. **A2024494**, Construction of a genetic map of comorbidities in Parkinson's disease (2024 – 2026), **Participant**

🏆 AWARDS

- **Second Prize in the Task Challenge of the CCF Open Source Innovation Competition and the 2nd Bio-OS Open Source Open Competition - ByteDance & Intel, Dec 2024**
Developed an [AI application](#) and a [R package](#) for querying Drug-Target-Indication interactions, and optimized an algorithm to calculate the correlation between the three.
- **The 11th place in the Paper Reproduction Challenge of the First Bio-OS Open Source Open Competition - ByteDance, Dec 2023**
Successfully collaborated in a team to replicate a complex research paper, *ranking 11th among 131 participating teams*.
- **Second Prize in the 2023 Guangdong Biomedical Big Data Analysis Community Innovation Competition - Guangdong Bioinformatics Society, Dec 2023**
Achieved **Second Prize** in the 2023 Guangdong Biomedical Big Data Analysis Community Innovation Competition.
- **Biotechnology Innovation and Practice - Cold Spring Harbor Asia, Nov 2020**
For *successfully completing the project "Biotechnology Innovation and Practice"* hold by Cold Spring Harbor Asia.
- **Second Prize in the Huawei ICT Competition 2020 - HUAWEI, Oct 2020**
Achieved **Second Prize** in the Huawei China University Student ICT Competition 2020 Jiangsu Provincial Preliminary Contest (Undergraduate Cloud Track).
- **Outstanding Volunteer of Suzhou City - Suzhou Volunteers Association, Sep 2019**
Selected as "*Outstanding Volunteer of Suzhou City*" during the summer volunteer service event at Suzhou Railway Station in 2019.