Min Li (李旻)

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🎓 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[#])

1. **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`

2. 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 4.5`

3. 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`

4. 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/imt2.155 `IF 23.7`

5. 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

- 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). Specifically acknowledged in the acknowledgements section. (2023)

Research Fundation

- **National Natural Science Foundation of China**, 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 Provincial**, 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.