

Linlin Li

- Phone: +86 136-7104-2545 • E-mail: linlinbiology@gmail.com
- Address: 62 Graham St, South Brisbane QLD 4101, Australia
- Website: <https://linlinbio.github.io/>

Education

- **2022.09 - Present** **Biology Science, College of Life Sciences & Hongyi Honor College, Wuhan University**
 - Overall GPA: 3.64 / 4.0 • Overall average score: 87.8 / 100
 - Major GPA: 3.89 / 4.0 • Major average score: 90.6 / 100
- According to the undergraduate programme of Hongyi Honor College of Wuhan University:
 1. All required major courses are taught and assessed exclusively in English.
 2. Mathematics and physics courses are taught and assessed at the highest difficulty level (tier A).
 3. Research-oriented small class courses are offered, such as Hongyi Seminar and Scientific Research Training.
 4. In addition to the senior-year graduation thesis, students are also required to complete a one-year research training project and thesis during their junior year.

Awards

- Outstanding Student Award, 2024-2025, Wuhan University
- Third-Class Scholarship for Outstanding Students, 2024-2025, Wuhan University
- National Bronze Medal of the 2023 Collegiate Biodiversity Photography Competition
- First Prize Award in the preliminary round of the 2023 "CATTI Cup" National English Translation Competition
- First Prize Award in the preliminary round of the 2022 "FLTRP • ETIC Cup" National English Reading Contest

Research Experience

- **2025.10 - Present** **Dr. Kelvin Tuong, University of Queensland**

I am currently a visiting research student at the Centre for Children's Health Research, The University of Queensland. My graduation thesis focuses on generating scRNA-seq data from clinical immune cells, combined with computational benchmarking and comparison of different single-cell technologies.
- **2024.09 - 2025.06** **Professor Miao Yu, Wuhan University**

I participated in the study "*Strategies to Optimize Genetic Code Expansion (GCE) Techniques by Reducing Truncated Protein Production*", which aims to develop a more efficient tool for precise protein engineering and live-cell imaging. We developed a eukaryotic expression system that discriminates and eliminates truncations through a protein circuit design, by integrating an N-terminal degron, a C-terminal localization tag, and a split TEV protease. This strategy improved yields by 1.4-fold and reduced truncations by 4.6-fold, with tunable control using small molecules and alternative localization signals.
- **2023.07 - Present** **Professor Shi-Chang Zhang, Hubei University**

I have been conducting the project "*Ontogenetic Shift in Locomotor Mimicry: Integrated Anti-Predator Strategy in the Myrmecomorphic Wolf Spider *Arctosa kangsienensis**". I led all aspects of the research, from experimental design, animal rearing, and parameter optimization to data collection, statistical modeling, and visualization. I have completed a first draft of the manuscript, with plans to submit as first author to Functional Ecology.

Other Experience

- **2025.07 - 2025.08** **National Institute of Biological Sciences, Beijing, China**
I participated in the Student Summer Training Program at NIBS, where I conducted a research project titled "*CCB02 Inhibits Mouse Oocyte Meiosis*".
- **2025.07** **Chinese Center for Disease Control and Prevention, Beijing, China**
I interned at the Viral Hepatitis Department of the Chinese CDC, where my responsibilities included nucleic acid testing for HEV in human serum and antibody testing for HAV in human serum.
- **2025.02 - 2025.06** **College of Life Sciences, Wuhan University**
I worked as a teaching assistant for the required major course Genetics.
- **2024.09 - 2024.11** **College of Life Sciences, Wuhan University**
I worked as a teaching assistant for the required major course Cell Biology.
- **2024.07** **Gaoligong Mountain (Baoshan section), Yunnan Province, China**
I took part in the fieldwork project "*Background Resource Survey of Protected Plants in Gaoligong Mountain*".
- **2023.06 - 2023.07** **Shennongjia Forestry District, Hubei Province, China**
I took part in the fieldwork project "*Exploring the Variation of Erigeron annuus Morphology in Hongping Township*".
- **2023.01** **Fosun Pharma, Beijing, China**
I interned in the marketing department of the antiviral division of Fosun Pharmaceuticals (Beijing subsidiary).

Skills

• In terms of wet lab skills,



1. I am familiar with basic cell culture techniques, including cell freezing, resuscitation, subculture, and plating.
2. I am familiar with basic molecular cloning techniques, including primer design, PCR, Gibson assembly, electroporation, plasmid extraction, DNA electrophoresis, RNA extraction, and qRT-PCR.
3. I am familiar with western blotting, flow cytometry, mouse oocyte isolation, and immunofluorescence staining.
4. I have good research habits, including using OneNote to keep accurate and detailed experimental records.

• In terms of dry lab skills,



1. I am capable of using R to process experimental data and draw graphs, including the smoothing and statistical analysis of trajectory and reflectance spectrum, and the drawing of heatmaps, PCA plots, and other basic graphs.
2. I am capable of using ImageJ Macro Language to batch process fluorescent images, such as automatically merging channels, adjusting color balance, and adding scale bars.
3. I am capable of using SPSS to analyze data, such as conducting multiple group comparisons with post hoc tests.
4. I am capable of using Adobe Illustrator to draw graphical abstract.

• In terms of English proficiency,



1. My score for the College English Test Band 6 (CET-6) is 657, ranking in the top 1% of all test takers.
2. I have a TOEFL iBT score of 106, with a MyBest score of 109.
3. I am fluent in spoken English, as I am currently conducting my graduation thesis in an English-speaking laboratory in Australia.

Hobbies

- I am keen in nature photography, especially in taking photos of birds and arthropods.
- I love reptiles and spiders, particularly my pet tarantula.
- I enjoy spending time doing aerobic sports, such as swimming and cycling.