

LILY (SHI-TAO) ZHANG

Cleveland, OH 44101 | 2162350344 | Shitao.zhang@case.edu

WWW: lilyzhang4499-cmd.github.io/

PROFESSIONAL SUMMARY

Data-driven life scientist with a PhD in Biochemistry and Molecular Biology, and graduate training in Biostatistics. A self-starter willing to work independently or as part of a team. Committed to contributing impactful solutions and advancing knowledge within respective field.

SKILLS

- **Data & Statistics:** Biostatistics, exploratory data analysis, regression modeling, data cleaning, visualization
- **Programming & Tools:** R, Python, SAS, Excel, Linux
- **Research Operations:** Project coordination, experimental design, workflow optimization, documentation
- **Domain Expertise:** Molecular biology, drug discovery, bioinformatics, molecular dynamics simulations
- **Collaboration:** Cross-functional teamwork, scientific communication, stakeholder reporting

EXPERIENCE

- 03/2022 - 07/2025 **Postdoctoral fellow**
Case Western Reserve University - Cleveland, U.S.
• Department of Nutrition, School of Medicine.

EDUCATION

- Expected in 07/2026 **Master:** Biostatistics
Case Western Reserve University - Cleveland, Ohio, U.S.
- 12/2021 **Ph.D.:** Biochemistry and Molecular Biology
Jilin University - Changchun China
- 06/2015 **Bachelor of Science:** Life Science
Jilin University - Changchun China

PUBLICATIONS

- Zhang S. et al. *Frontiers in Chemistry*, 2021
- Zhang S. et al. *Molecules*, 2021

POSITIONS

Postdoctoral fellow, Department of Nutrition, School of Medicine, Case Western Reserve University, Cleveland, Ohio, Prof. Sichun Yang, 03/01/22 - 07/31/25

LANGUAGES

English:



Full Professional

Chinese (Mandarin):



Native/ Bilingual

CERTIFICATIONS & LICENSES

SAS