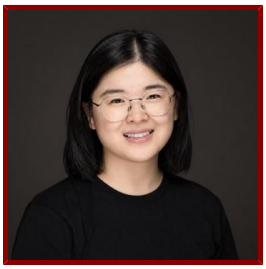
Stanford



Zheng Li

Postdoctoral Scholar, Ophthalmology

Bio

BIO

Zheng Li joined Stanford University as a postdoctoral fellow in August 2026, under the mentorship of Dr. Ahmad Al-Moujahed. Her research focuses on understanding the mechanisms underlying inherited retinal degenerations (IRDs), particularly retinitis pigmentosa (RP), and developing novel therapeutic strategies. By integrating single-cell transcriptomics, proteomics, and human-derived data, she aims to identify biomarkers and therapeutic targets for retinal degeneration.

She received her PhD from the Institut de la Vision in Paris, where she studied gene-agnostic neuroprotective strategies to preserve cone photoreceptors in RP. Her long-term goal is to translate mechanistic insights into new therapies for retinal diseases.

HONORS AND AWARDS

- Travel Award, International Symposium on Retinal Degeneration (2023)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Sorbonne Universite (2025)
- Master of Science, Peking University (2021)
- Bachelor of Science, Peking University (2019)

STANFORD ADVISORS

- Ahmad Al Moujahed, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Retinal Impairments in Mice Lacking Both Nxnl1 and Nxnl2 Genes.** *Investigative ophthalmology & visual science*
  Li, Z., Harichane, I., Cronin, T., Sahel, J. A., Léveillard, T., Clérin, E., Zeitz, C., Audo, I.
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- **Both NXNL1 and NXNL2 are important for photoreceptor survival in the mouse**
  Li, Z., Harichane, I., Yang, Y., Clerin, E., Sahel, J., Audo, I. S., Zeitz, C., Leveillard, T., Li, Z., Harichane, I., Yang, Y., Clerin, E., Sahel, et al
  ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2024
- **Optimization in Chemical Modification of Single-Stranded siRNA Encapsulated by Neutral Cytidinyl/Cationic Lipids** *FRONTIERS IN CHEMISTRY*
  Li, Z., Wang, X., Zhou, X., Wang, J., Guan, Z., Yang, Z.
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