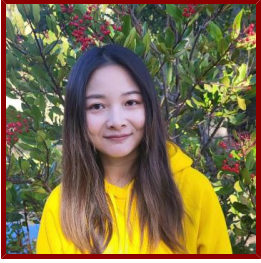


# Stanford

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## Yuyang Zeng

Postdoctoral Scholar, Ophthalmology

### Bio

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#### BIO

Yuyang conducts translational research on the mechanisms underlying retinal ganglion cell dysfunction and on the development of gene therapies for glaucoma.

#### PROFESSIONAL EDUCATION

- Postdoc, Stanford University , Ophthalmology (2024)
- Attending Doctor, Renmin Hospital of Wuhan University , Ophthalmology (2023)
- Residency, Renmin Hospital of Wuhan University , Ophthalmology (2022)
- MD, Wuhan University , Clinical Medicine (2022)
- PhD, Wuhan University , Ophthalmology (2022)

#### STANFORD ADVISORS

- Yang Hu, Postdoctoral Faculty Sponsor

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Transgenic therapy for glaucoma based on disease-responsive promoters/enhancers

#### LAB AFFILIATIONS

- Yang Hu (1/4/2024)

### Publications

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#### PUBLICATIONS

- **Identification of disease-responsive neuronal promoters and enhancers for glaucoma gene therapy**  
Zeng, Y., Feng, X., Yan, W., Liu, L., Huang, H., Bian, F., Hu, Y.  
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2025
- **<i>SDE</i>: Early Screening for Dry Eye Disease with Wireless Signals** *PROCEEDINGS OF THE ACM ON INTERACTIVE MOBILE WEARABLE AND UBIQUITOUS TECHNOLOGIES-IMWUT*  
Xue, M., Zeng, Y., Gu, S., Zhang, Q., Tian, B., Chen, C.  
2023; 7 (4)
- **Identification of Diagnostic Biomarkers and Their Correlation with Immune Infiltration in Age-Related Macular Degeneration.** *Diagnostics (Basel, Switzerland)*

Zeng, Y., Yin, X., Chen, C., Xing, Y.

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- **Positive Rate of Serology and RT-PCR for COVID-19 among healthcare workers during different periods in Wuhan, China.** *The Journal of infection*  
He, L., Zeng, Y., Zeng, C., Zhou, Y., Li, Y., Xie, X., Xu, W., Luo, W., Hu, J., Yi, Z., Wang, X., Tang, S., Xu, et al  
2021; 82 (2): e27-e28
- **Bioinformatics analysis of multi-omics data identifying molecular biomarker candidates and epigenetically regulatory targets associated with retinoblastoma.** *Medicine*  
Zeng, Y., He, T., Liu, J., Li, Z., Xie, F., Chen, C., Xing, Y.  
2020; 99 (47): e23314
- **Presence of SARS-CoV-2 RNA in isolation ward environment 28 days after exposure.** *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases*  
Zhou, Y., Zeng, Y., Chen, C.  
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- **Ocular Findings and Proportion with Conjunctival SARS-COV-2 in COVID-19 Patients.** *Ophthalmology*  
Zhou, Y., Duan, C., Zeng, Y., Tong, Y., Nie, Y., Yang, Y., Chen, Z., Chen, C.  
2020; 127 (7): 982-983
- **Clinicopathological and prognostic significance of caveolin-1 and ATG4C expression in the epithelial ovarian cancer.** *PloS one*  
Zeng, Y., Chen, M., Ganesh, S., Hu, S., Chen, H.  
2020; 15 (5): e0232235
- **Actin depolymerization promotes axon regeneration by restoring axonal mitochondrial transport in mouse models of optic neuropathy.** *Science translational medicine*  
Li, L., Feng, X., Fang, F., Fei, J., Lu, J., Zhang, H., Dujava Žďimalová, M., Yuan, Y., Luo, Z., Huang, H., Liu, D., Huang, F., Liu, et al  
2026; 18 (838): eadw0908
- **Spatial Transcriptomic Analysis of Mouse Glaucoma Retinas Reveals Unique Patterns of RGC Death and Microglial Infiltration**  
Bian, F., Feng, X., Yang, M., Yan, W., Zeng, Y., Lin, Y., Hu, Y.  
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2025
- **A Novel Glycolysis-Related Signature for Predicting the Prognosis and Immune Infiltration of Uveal Melanoma.** *Ophthalmic research*  
Guo, X., Yu, X., Zhang, Y., Luo, H., Huang, R., Zeng, Y., Duan, C., Chen, C.  
2023; 66 (1): 692-705
- **Antibody responses of the first wave of survivors infected with SARS-CoV-2 1 year ago.** *Journal of medical virology*  
He, L., Zeng, C., Zeng, Y., Xu, W., Li, Y., Xie, X., Xu, W., Xia, H., Tang, F., Tang, S., Xu, L., Chen, C.  
2022; 94 (5): 1770-1772
- **Positive Rate of Serology and RT-PCR for COVID-19 among Community Residents and Healthcare Workers in Wuhan, China.** *Japanese journal of infectious diseases*  
He, L., Zeng, Y., Zeng, C., Zhou, Y., Li, Y., Xie, X., Xu, W., Luo, W., Hu, J., Yi, Z., Wang, X., Tang, S., Xu, et al  
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- **The promising immune checkpoint LAG-3: from tumor microenvironment to cancer immunotherapy.** *Genes & cancer*  
Long, L., Zhang, X., Chen, F., Pan, Q., Phiphatwatchara, P., Zeng, Y., Chen, H.  
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