

Stanford



Wenmin Wang

Postdoctoral Scholar, Ophthalmology

Bio

HONORS AND AWARDS

- Outstanding Doctoral Dissertation Award, Tsinghua University (2022)
- Best Presenter Award of Doctoral Forum, Tsinghua University (2021)
- Comprehensive Scholarship, Tsinghua University (2021)
- Excellent Wall Newspaper Award, Tsinghua University (2019)

PROFESSIONAL EDUCATION

- BS, Nanchang University , Biotechnology (2015)
- Doctor of Philosophy, Tsinghua University (2022)

STANFORD ADVISORS

- Yang Sun, Postdoctoral Faculty Sponsor

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

I am particularly interested in identifying therapeutic strategies for various eye disorders and investigating the mechanisms by which defects in inositol phosphatases lead to the disruption of primary cilia function and eye diseases by using Omics.

Publications

PUBLICATIONS

- **Metabolic characterization of hypertrophic cardiomyopathy in human heart.** *Nature cardiovascular research*
Wang, W., Wang, J., Yao, K., Wang, S., Nie, M., Zhao, Y., Wang, B., Pang, H., Xu, J., Wu, G., Lu, M., Tang, N., Qi, et al
2022; 1 (5): 445-461
- **ORP5 localizes to ER-lipid droplet contacts and regulates the level of PI(4)P on lipid droplets.** *The Journal of cell biology*
Du, X., Zhou, L., Aw, Y. C., Mak, H. Y., Xu, Y., Rae, J., Wang, W., Zadoorian, A., Hancock, S. E., Osborne, B., Chen, X., Wu, J. W., Turner, et al
2020; 219 (1)
- **Coordination Among Lipid Droplets, Peroxisomes, and Mitochondria Regulates Energy Expenditure Through the CIDE-ATGL-PPAR α Pathway in Adipocytes.** *Diabetes*
Zhou, L., Yu, M., Arshad, M., Wang, W., Lu, Y., Gong, J., Gu, Y., Li, P., Xu, L.
2018; 67 (10): 1935-1948
- **LRRK2 mediated Rab8a phosphorylation promotes lipid storage.** *Lipids in health and disease*

Yu, M., Arshad, M., Wang, W., Zhao, D., Xu, L., Zhou, L.
2018; 17 (1): 34