

Stanford



Zhuoran Li

Ph.D. Student in Biology, admitted Autumn 2019

Bio

HONORS AND AWARDS

- The Joseph R. McMicking Fellowship in Biological Sciences, Stanford University

EDUCATION AND CERTIFICATIONS

- B.S., Peking University, Integrated Science (2019)

Publications

PUBLICATIONS

- **Dimensionality reduction simplifies synaptic partner matching in an olfactory circuit.** *bioRxiv: the preprint server for biology*
Lyu, C., Li, Z., Xu, C., Wong, K. K., Luginbuhl, D. J., McLaughlin, C. N., Xie, Q., Li, T., Li, H., Luo, L.
2024
- **Molecular mechanisms of proteoglycan-mediated semaphorin signaling in axon guidance.** *Proceedings of the National Academy of Sciences of the United States of America*
Nourisanami, F., Sobol, M., Li, Z., Horvath, M., Kowalska, K., Kumar, A., Vlasak, J., Koupilova, N., Luginbuhl, D. J., Luo, L., Rozbesky, D.
2024; 121 (31): e2402755121
- **Molecular and cellular mechanisms of teneurin signaling in synaptic partner matching.** *Cell*
Xu, C., Li, Z., Lyu, C., Hu, Y., McLaughlin, C. N., Wong, K. K., Xie, Q., Luginbuhl, D. J., Li, H., Udeshi, N. D., Svinkina, T., Mani, D. R., Han, et al
2024
- **Toward building a library of cell type-specific drivers across developmental stages.** *Proceedings of the National Academy of Sciences of the United States of America*
Lyu, C., Li, Z., Luo, L.
2023; 120 (35): e2312196120
- **Temporal evolution of single-cell transcriptomes of Drosophila olfactory projection neurons.** *eLife*
Xie, Q., Brbic, M., Horns, F., Kolluru, S. S., Jones, R. C., Li, J., Reddy, A. R., Xie, A., Kohani, S., Li, Z., McLaughlin, C. N., Li, T., Xu, et al
2021; 10
- **Live cell fluorescence imaging reveals dynamic production and loss of bacterial flagella.** *Molecular microbiology*
Zhuang, X. Y., Guo, S., Li, Z., Zhao, Z., Kojima, S., Homma, M., Wang, P., Lo, C. J., Bai, F.
2020
- **Transgenic Eimeria mitis expressing chicken interleukin 2 stimulated higher cellular immune response in chickens compared with the wild-type parasites** *FRONTIERS IN MICROBIOLOGY*
Li, Z., Tang, X., Suo, J., Qin, M., Yin, G., Liu, X., Suo, X.
2015; 6: 533