

## Chuanyun Xu

Ph.D. Student in Biology, admitted Autumn 2017

### Publications

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#### PUBLICATIONS

- **Cell-Surface Proteomic Profiling in the Fly Brain Uncovers Wiring Regulators.** *Cell*  
Li, J., Han, S., Li, H., Udeshi, N. D., Svinkina, T., Mani, D. R., Xu, C., Guajardo, R., Xie, Q., Li, T., Luginbuhl, D. J., Wu, B., McLaughlin, et al  
2020
- **Single-Cell Transcriptomes Reveal Diverse Regulatory Strategies for Olfactory Receptor Expression and Axon Targeting.** *Current biology : CB*  
Li, H. n., Li, T. n., Horns, F. n., Li, J. n., Xie, Q. n., Xu, C. n., Wu, B. n., Kebschull, J. M., McLaughlin, C. N., Kolluru, S. S., Jones, R. C., Vacek, D. n., Xie, et al  
2020
- **Cell-surface proteomic landscape of developing and mature olfactory projection neurons**  
Li, J., Han, S., Li, H., Udeshi, N. D., Svinkina, T., Mani, D. R., Xu, C., Guajardo, R., Xie, Q., Li, T., Wu, B., Xie, A., Luginbuhl, et al  
AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC.2019: S40
- **Transsynaptic Fish-lips signaling prevents misconnections between nonsynaptic partner olfactory neurons.** *Proceedings of the National Academy of Sciences of the United States of America*  
Xie, Q., Wu, B., Li, J., Xu, C., Li, H., Luginbuhl, D. J., Wang, X., Ward, A., Luo, L.  
2019
- **Rescue of Fragile X Syndrome Neurons by DNA Methylation Editing of the FMR1 Gene** *CELL*  
Liu, X., Wu, H., Krzisch, M., Wu, X., Graef, J., Muffat, J., Hnisz, D., Li, C. H., Yuan, B., Xu, C., Li, Y., Vershkov, D., Cacace, et al  
2018; 172 (5): 979+
- **Stepwise wiring of the Drosophila olfactory map requires specific Plexin B levels.** *eLife*  
Li, J. n., Guajardo, R. n., Xu, C. n., Wu, B. n., Li, H. n., Li, T. n., Luginbuhl, D. J., Xie, X. n., Luo, L. n.  
2018; 7
- **RNA m(6A) methylation regulates the ultraviolet-induced DNA damage response** *NATURE*  
Xiang, Y., Laurent, B., Hsu, C., Nachtergaele, S., Lu, Z., Sheng, W., Xu, C., Hen, H. C., Jian, O., Wang, S., Ling, D., Hsu, P., Zou, et al  
2017; 543 (7646): 573+