

Stanford



Xing Liang

Postdoctoral Research Fellow, Biology

Bio

PROFESSIONAL EDUCATION

- Bachelor of Engineering, Huazhong University Of Science & Technology (2012)
- Doctor of Philosophy, Chinese Academy Of Sciences (2017)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Mechanism of MT polarity establishment during PVD neuron dendrite outgrowing in *C. elegans*.

Publications

PUBLICATIONS

- **The THO Complex Coordinates Transcripts for Synapse Development and Dopamine Neuron Survival.** *Cell*
Maeder, C. I., Kim, J., Liang, X., Kaganovsky, K., Shen, A., Li, Q., Li, Z., Wang, S., Xu, X. Z., Li, J. B., Xiang, Y. K., Ding, J. B., Shen, et al
2018
- **A Dendritic Guidance Receptor Complex Brings Together Distinct Actin Regulators to Drive Efficient F-Actin Assembly and Branching** *DEVELOPMENTAL CELL*
Zou, W., Dong, X., Broederdorf, T. R., Shen, A., Kramer, D. A., Shi, R., Liang, X., Miller, D. M., Xiang, Y. K., Yasuda, R., Chen, B., Shen, K.
2018; 45 (3): 362-+
- **Dynein and EFF-1 control dendrite morphology by regulating the localization pattern of SAX-7 in epidermal cells** *JOURNAL OF CELL SCIENCE*
Zhu, T., Liang, X., Wang, X., Shen, K.
2017; 130 (23): 4063-71
- **Sarcomeres Pattern Proprioceptive Sensory Dendritic Endings through UNC-52/Perlecan in *C. elegans*** *DEVELOPMENTAL CELL*
Liang, X., Dong, X., Moerman, D. G., Shen, K., Wang, X.
2015; 33 (4): 388-400
- **Conditional targeted genome editing using somatically expressed TALENs in *C. elegans*.** *Nature biotechnology*
Cheng, Z., Yi, P., Wang, X., Chai, Y., Feng, G., Yang, Y., Liang, X., Zhu, Z., Li, W., Ou, G.
2013; 31 (10): 934-37