

Stanford



Jiefu Li

Ph.D. Student in Biology, admitted Autumn 2014

Bio

HONORS AND AWARDS

- Genentech Foundation Predoctoral Fellowship, Genentech Foundation
- Vanessa Kong Kerzner Graduate Fellowship, Stanford University School of Humanities and Sciences

EDUCATION AND CERTIFICATIONS

- B.S., Zhiyuan College, Shanghai Jiao Tong University (2014)

STANFORD ADVISORS

- Liqun Luo, Doctoral Dissertation Advisor (AC)
- Liqun Luo, Doctoral (Program)

PATENTS

- Zhang Y, Li J, Xiao X. "China P.Rep. Patent CN203947097U Microbial culture reaction system", Shanghai Jiao Tong University

Publications

PUBLICATIONS

- **Functional divergence of Plexin B structural motifs in distinct steps of *Drosophila* olfactory circuit assembly.** *eLife*
Guajardo, R., Luginbuhl, D. J., Han, S., Luo, L., Li, J.
2019; 8
- **Linking neuronal lineage and wiring specificity** *NEURAL DEVELOPMENT*
Li, H., Shuster, S., Li, J., Luo, L.
2018; 13: 5
- **Proximity labeling: spatially resolved proteomic mapping for neurobiology.** *Current opinion in neurobiology*
Han, S., Li, J., Ting, A. Y.
2018; 50: 17–23
- **Stepwise wiring of the *Drosophila* olfactory map requires specific Plexin B levels.** *eLife*
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- **A Defensive Kicking Behavior in Response to Mechanical Stimuli Mediated by *Drosophila* Wing Margin Bristles.** *journal of neuroscience*
Li, J., Zhang, W., Guo, Z., Wu, S., Jan, L. Y., Jan, Y.
2016; 36 (44): 11275-11282
- **A Genome-Scale Model of *Shewanella piezotolerans* Simulates Mechanisms of Metabolic Diversity and Energy Conservation.** *mSystems*

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● **NEUROBIOLOGY A bitter-sweet symphony** *NATURE*

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● **Fibroblast growth factor signaling instructs ensheathing glia wrapping of Drosophila olfactory glomeruli** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*

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● **Classifying Drosophila Olfactory Projection Neuron Subtypes by Single-Cell RNA Sequencing.** *Cell*

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● **Transmembrane channel-like (tmc) gene regulates Drosophila larval locomotion** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*

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● **Ankyrin Repeats Convey Force to Gate the NOMPC Mechanotransduction Channel.** *Cell*

Zhang, W., Cheng, L. E., Kittelmann, M., Li, J., Petkovic, M., Cheng, T., Jin, P., Guo, Z., Göpfert, M. C., Jan, L. Y., Jan, Y. N.
2015; 162 (6): 1391-1403

● **A transcriptional reporter of intracellular Ca(2+) in Drosophila.** *Nature neuroscience*

Gao, X. J., Riabinina, O., Li, J., Potter, C. J., Clandinin, T. R., Luo, L.
2015; 18 (6): 917-925

● **NAD(+)/NADH Metabolism and NAD(+)-Dependent Enzymes in Cell Death and Ischemic Brain Injury: Current Advances and Therapeutic Implications** *CURRENT MEDICINAL CHEMISTRY*

Ma, Y., Nie, H., Chen, H., Li, J., Hong, Y., Wang, B., Wang, C., Zhang, J., Cao, W., Zhang, M., Xu, Y., Ding, X., Yin, et al
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● **Cytoplasmic Tyrosine Phosphatase Shp2 Coordinates Hepatic Regulation of Bile Acid and FGF15/19 Signaling to Repress Bile Acid Synthesis** *CELL METABOLISM*

Li, S., Hsu, D. D., Li, B., Luo, X., Alderson, N., Qiao, L., Ma, L., Zhu, H. H., He, Z., Suino-Powell, K., Ji, K., Li, J., Shao, et al
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