

Xianglian Jia

Basic Life Research Scientist, Ophthalmology Research/Clinical Trials

Publications

PUBLICATIONS

- **Divergent neurocircuitry dissociates two components of the stress response: glucose mobilization and anxiety-like behavior.** *Cell reports*
Jia, X., Chen, S., Li, X., Tao, S., Lai, J., Liu, H., Huang, K., Tian, Y., Wei, P., Yang, F., Lu, Z., Chen, Z., Liu, et al
2022; 41 (6): 111586
- **Topological Shape Changes Weaken the Innate Defensive Response to Visual Threat in Mice.** *Neuroscience bulletin*
Huang, Y., Li, L., Dong, K., Tang, H., Yang, Q., Jia, X., Liao, Y., Wang, W., Ren, Z., Chen, L., Wang, L.
2020; 36 (4): 427-431
- **Profiling of key brain nuclei involved in CNS control of stress and glucose homeostasis.** *Biochemical and biophysical research communications*
Jia, X., Liu, X. A., Shi, Y., Yao, S., Zhong, X., Tian, Y., Tian, Q., Chen, Z., Wang, L.
2020; 521 (2): 441-448
- **Stress affects the oscillation of blood glucose levels in rodents** *Biological Rhythm Research*
Jia, X., Hu, Y., Yang, X., Liu, T., Huang, Y., Wei, P., Hao, Y., Wang, L.
2020; 51 (5): 699-708
- **The bed nucleus of striatum projected to the arcuate nucleus regulates anxiety-like behavior** *IBRO Reports*
Jia, X., Huang, K., Lu, Z., Wang, L.
2020
- **Glutamatergic Neurons in the Piriform Cortex Influence the Activity of D1- and D2-Type Receptor-Expressing Olfactory Tubercle Neurons.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*
White, K. A., Zhang, Y. F., Zhang, Z., Bhattarai, J. P., Moberly, A. H., In 't Zandt, E. E., Pena-Bravo, J. I., Mi, H., Jia, X., Fuccillo, M. V., Xu, F., Ma, M., Wesson, et al
2019; 39 (48): 9546-9559

PRESENTATIONS

- A gabaergic neurocircuit regulates glucose levels as part of the stress response - Society of neuroscience
- Visual neurocircuitry pathology of Ischemic optic neuropathy and optogenetic treatment - ODD (4/17/2023)