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Basic Life Res Scientist
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Bio

ACADEMIC APPOINTMENTS

- Basic Life Research Scientist, Biology

Publications

PUBLICATIONS

- **Deconstruction of a spino-brain-spinal cord circuit that drives chronic pain.** *Nature*
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- **Actin depolymerization promotes axon regeneration by restoring axonal mitochondrial transport in mouse models of optic neuropathy.** *Science translational medicine*
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2026; 18 (838): eadw0908
- **Brain control of humoral immune responses amenable to behavioural modulation.** *Nature*
Zhang, X., Lei, B., Yuan, Y., Zhang, L., Hu, L., Jin, S., Kang, B., Liao, X., Sun, W., Xu, F., Zhong, Y., Hu, J., Qi, et al
2020; 581 (7807): 204-208
- **Salience processing by glutamatergic neurons in the ventral pallidum.** *Science bulletin*
Wang, F., Zhang, J., Yuan, Y., Chen, M., Gao, Z., Zhan, S., Fan, C., Sun, W., Hu, J.
2020; 65 (5): 389-401
- **Whole-Brain Mapping of Monosynaptic Afferent Inputs to Cortical CRH Neurons.** *Frontiers in neuroscience*
Zhang, S., Lv, F., Yuan, Y., Fan, C., Li, J., Sun, W., Hu, J.
2019; 13: 565
- **Central Processing of Itch in the Midbrain Reward Center.** *Neuron*
Su, X. Y., Chen, M., Yuan, Y., Li, Y., Guo, S. S., Luo, H. Q., Huang, C., Sun, W., Li, Y., Zhu, M. X., Liu, M. G., Hu, J., Xu, et al
2019
- **Reward Inhibits Paraventricular CRH Neurons to Relieve Stress.** *Current biology : CB*
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2019; 29 (7): 1243-1251.e4
- **High frequency stimulation induces sonic hedgehog release from hippocampal neurons.** *Scientific reports*
Su, Y., Yuan, Y., Feng, S., Ma, S., Wang, Y.
2017; 7: 43865