

Stanford



Cheng Huang

Basic Life Sci Res Assoc

Biology

Bio

ACADEMIC APPOINTMENTS

- Basic Life Science Research Associate, Biology

PROFESSIONAL EDUCATION

- Bachelor of Engineering, Beijing Institute Of Technology (2005)

Publications

PUBLICATIONS

- **High-speed recording of neural spikes in awake mice and flies with a fluorescent voltage sensor** *SCIENCE*
Gong, Y., Huang, C., Li, J. Z., Grewe, B. F., Zhang, Y., Eismann, S., Schnitzer, M. J.
2015; 350 (6266): 1361-1366
- **Dexterous robotic manipulation of alert adult *Drosophila* for high-content experimentation.** *Nature methods*
Savall, J., Ho, E. T., Huang, C., Maxey, J. R., Schnitzer, M. J.
2015; 12 (7): 657-660
- **Dissociation of rugose-dependent short-term memory component from memory consolidation in *Drosophila*.** *Genes, brain, and behavior*
Zhao, J., Lu, Y., Zhao, X., Yao, X., Shuai, Y., Huang, C., Wang, L., Jeong, S. H., Zhong, Y.
2013
- **The differential requirement of mushroom body β subdivisions in long-term memory retrieval in *Drosophila*.** *Protein & cell*
Huang, C., Wang, P., Xie, Z., Wang, L., Zhong, Y.
2013
- **Requirement of the combination of mushroom body β lobe and β lobes for the retrieval of both aversive and appetitive early memories in *Drosophila*** *Learning & Memory*
Xie, Z., Huang, C., Ci, B., Wang, L., Zhong, Y.
2013; 20 (9): 474-481
- **A Permissive Role of Mushroom Body α / β Core Neurons in Long-Term Memory Consolidation in *Drosophila*** *CURRENT BIOLOGY*
Huang, C., Zheng, X., Zhao, H., Li, M., Wang, P., Xie, Z., Wang, L., Zhong, Y.
2012; 22 (21): 1981-1989
- **Involvement of reactive oxygen species and calcium in photo-induced membrane damage in HeLa cells by a bis-methanophosphonate fullerene** *JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY*
Qiao, X., Huang, C., Ying, Y., Yang, X., Liu, Y., Tian, Q.
2010; 98 (3): 193-198
- **Inhibition of DNA restrictive endonucleases by aqueous nanoparticle suspension of methanophosphonate fullerene derivatives and its mechanisms** *Science in China Series B: Chemistry*

Song, G. n., Lu, Y. n., Huang, C. n., Xie, X. n., Tan, X. n., Yang, X. n.
2009; 52 (5): 626-631

● **Photo-induced lipid peroxidation of erythrocyte membranes by a bis-methanophosphonate fullerene** *TOXICOLOGY IN VITRO*

Yang, X. L., Huang, C., Qiao, X. G., Yao, L., Zhao, D. X., Tan, X.
2007; 21 (8): 1493-1498