

ION Publication List

(2004.01-2004.12)

1. Yu, X., Duan, K., Shang, C., Yu, H., and **Zhou, Z.*** (2004) Calcium Influx through Ih Channels Contributes to Activity-Evoked Neuronal Secretion. *Proc. Natl. Acad. Sci. USA*. 101: 1051-1056.
2. Li, H., Gaughwin, P., Li, N., and **He, S.*** (2004) Localization of dopamine D1-receptor to A-type horizontal cells in the rabbit retina by single cell RT-PCR. *Neurosci. Lett.* 355: 146-148.
3. Li, C., Lu, J., Wu, J., Duan, S., and **Poo, M.*** (2004) Bidirectional Modification of Presynaptic Neuronal Excitability Accompanying Spike Timing-Dependent Synaptic Plasticity. *Neuron* 41: 257-268.
4. Yang, L., Zhang, F., Huang, F., Lu, Y., Li, G., Bao, L., Xiao, H., and **Zhang, X.*** (2004) Peripheral nerve injury induces trans-synaptic modification of channels, receptors and signal pathways in rat dorsal spinal cord. *Eur. J. Neurosci.* 19: 871-883.
5. Lai, C., and **Feng, L.*** (2004) Implication of r-secretase in neuregulin-induced maturation of oligodendrocytes. *Biochem. Bioph. Res. Co.* 314: 535-542.
6. Xu, H., Yuan, X., Guan, C., Duan, S., Wu, C., and **Feng, L.*** (2004) Calcium signaling in chemorepellant Slit2-dependent regulation of neuronal migration. *Proc. Natl. Acad. Sci. USA* 101: 4296-4301.
7. Dong, W., Sun, W., Zhang, Y., Chen, X., and **He, S.*** (2004) Dendritic relationship between starburst amacrine cells and direction-selective ganglion cells in the rabbit retina. *J. Physiol. (Lond)* 556: 11-17.
8. Zhang, C., Xiong, W., Zheng, H., Wang, L., Lu, B., and **Zhou, Z.*** (2004) Calcium- and Dynamin-Independent Endocytosis in Dorsal Root Ganglion Neurons. *Neuron* 42: 225-236.
9. Lai, C., and **Feng, L.*** (2004) Neuregulin induces proliferation of neural progenitor cells via PLC/PKC pathway. *Biochem. Bioph. Res. Co.* 319: 603-611.
10. Ye, Y., Xi, W., Peng, Y., Wang, Y., and **Guo, A.*** (2004) Long-term but not short-term blockade of dopamine release in Drosophila impairs orientation during flight in a visual attention paradigm. *Eur. J. Neurosci.* 20: 1001-1007.
11. Hu, X., Jin, L., and **Feng, L.*** (2004) Erk1/2 but not PI3K pathway is required for neurotrophin 3-induced oligodendrocyte differentiation of post-natal neural stem cells. *J. Neurochem.* 90: 1339-1347.

12. Zhang, K., Xiao, H., Lu, P., Shi, J., Li, G., Wang, Y., Han, S., Zhang, F., Lu, Y., **Zhang, X.**, * and Xu., X.* (2004) Differential Gene Expression after Complete Spinal Cord Transection in Adult Rats: An Analysis Focused on a Subchronic Post-Injury Stage. *Neurosci.* 128: 375-388.
13. Diao, L., Sun, W., Deng, Q., and **He, S.*** (2004) Development of the mouse retina: Emerging morphological diversity of the ganglion cells. *J. Neurobiol.* 61: 236-249.
14. Wu, L., Duan, B., Mei, Y., Gao, J., Chen, J., Zhuo, M., Xu, L., Wu, M., and **Xu, T.*** (2004) Characterization of Acid-sensing Ion Channels in Dorsal Horn Neurons of Rat Spinal Cord. *J. Biol. Chem.* 279: 43716-43724.
15. Yu, W., Guo, W., and **Feng, L.*** (2004) Segregation of Nogo66 receptors into lipid rafts in rat brain and inhibition of Nogo66 signaling by cholesterol depletion. *FEBS Lett.* 577: 87-92.

* **Corresponding Authors**