



姓名 罗飞

副研究员

● **教育和工作背景:**

2002 年, 苏州大学, 生物科学专业, 理学学士;

2009 年, 复旦大学, 神经生物学专业, 理学硕士;

2012 年, 复旦大学, 神经生物学专业, 理学博士;

2017/12—2018/12, 耶鲁大学医学院, 神经生物学系, 访问学者;

2016/12—至今, 南昌大学生命科学研究院, 副研究员、硕士生导师。

● **研究兴趣、领域:**

主要致力于前额叶皮层高级认知功能的神经机制研究。近年来以第一作者和/或通讯作者在 Neuropharmacology、Experimental Neurology、Journal of Neurochemistry、Neuroscience、European Journal of Neuroscience、Brain research 等国际神经科学期刊发表论文 10 余篇。

● **学术兼职:**

● **主要成果、荣誉、奖励:**

[1] Luo F., Guo NN., Li SH., Tang H., Liu Y. and Zhang Y. (2014) Reduction of glutamate release probability and the number of releasable vesicles are required for suppression of glutamatergic transmission by beta 1-adrenoceptors in the medial prefrontal cortex. Neuropharmacology, 83: 89-98.

[2] Luo F., Tang H., and Cheng ZY. (2015) Stimulation of  $\alpha$ 1-adrenoceptors facilitates GABAergic transmission onto pyramidal neurons in the medial prefrontal cortex. Neuroscience, 300: 63-74.

[3] Luo F., Li SH., Tang H., Deng WK., Zhang Y., and Liu Y. (2015) Phenylephrine enhances glutamate release in the medial prefrontal cortex through interaction with N-type  $Ca^{2+}$  channels and release machinery. J Neurochem, 132: 38-50.

[4] Luo F., Zheng J., Sun X., and Tang H. (2017) Inward rectifier  $K^{+}$  channel and T-type  $Ca^{2+}$  channel contribute to enhancement of GABAergic transmission induced by  $\beta$ 1-adrenoceptor in the prefrontal cortex. Experimental Neurology, 288: 51-61.

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[5] Wang X, Sun X, Zhou HC, Luo F.(2021) Activation of  $\beta$  3-adrenoceptor increases the number of readily releasable glutamatergic vesicle via activating Ca/calmodulin/MLCK/myosin II pathway in the prefrontal cortex of juvenile rats. Scientific Report, 11(1):18300.

[6] 2019 年江西省自然科学三等奖（第二完成人）

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