



## 刘双梅 博士

南昌大学基础医学院副教授、硕士生导师

### ● 教育和工作背景:

2002. 9–2007. 7 南昌大学医学院 临床医学专业，攻读学士学位

2007. 9–2010. 7 南昌大学医学院 生理学专业，攻读硕士学位

2012. 9–2015. 7 南昌大学医学院 生物学专业，攻读博士学位

2010. 7–2012. 12 南昌大学医学院生理教研室，助教

2012. 12–2016. 12 南昌大学医学院生理教研室，讲师

2015. 7–2015. 10 德国亚琛工业大学医学院 毒理与药理研究所 访问学者

2016. 12–至今 南昌大学医学院生理教研室，副教授

### ● 研究兴趣、领域:

课题组致力于神经生理与神经药理研究，研究方向为嘌呤受体在痛觉信息传递中的作用。以第一作者和共同第一作者和通讯作者发表 SCI 学术论文共 20 篇，以第一作者在中文核心期刊发表论文 2 篇，参与发表的论文共 46 篇。主持国家自然科学基金课题 2 项（批准号： 81460200，81701114）。

### ● 代表性论文:

1. Zou LF, Gong YX, Zhao SH, Yi ZH, Han XY, Wu B, Jia TY, Li L, Yuan HL, Shi LR, Zhang CP, Gao Y, Li GL, Xu H, Liu H, Liang SD, **Liu SM**(刘双梅, 通讯作者). Downregulation of P2Y<sub>12</sub> in the superior cervical ganglia alleviates abnormal sympathetic activity after myocardial ischemia. *J Cell Physiol*, 2018, 233:3375–3383.

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4. **Liu SM**(刘双梅, 第一作者), Yu SC, Xu CS, Peng LC, Xu H, Zhang CP, Li GL, Gao Y, Fan B, Zhu QC, Zheng CR, Wu B, Song MM, Wu Q, Liang SD. Puerarin alleviates aggravated sympathoexcitatory response induced by myocardial ischemia via regulating P2X<sub>3</sub> receptor in rat superior cervical ganglia. *Neurochemistry International(SCI 收录)*, 2014,70 : 39-49.
5. **Liu SM**(刘双梅, 第一作者), Zhang CP, Shi QM, Li GL, Song MM, Gao Y, Xu CS, Xu H, Fan B, Yu SC, Zheng CR, Zhu QC, Wu B, Peng LC, Xiong HG, Wu Q, Liang SD\*. Puerarin blocks the signaling transmission mediated by P2X<sub>3</sub> in SG and DRG to relieve myocardial ischemic damage. *Brain Res Bull(SCI 收录)*, 2014,101: 57-63.
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7. Rao SQ, **Liu SM**(刘双梅, 共同第一作者), Zou LF, Jia TY, Zhao SH, Wu B, Yi ZH, Wang SY, Xue Y, Gao Y, Xu CS, Li GL, Xu H, Zhang CP, Liang SD. The effect of sinomenine in diabetic neuropathic pain mediated by the P2X3 receptor in dorsal root ganglia. *Purinergic Signalling*, 2017, 13:227-235.
8. Tu GH, Zou LF, **Liu SM**(刘双梅, 共同第一作者),Wu B, Lv QL, Wang SY, Xue Y, Zhang CP, Yi ZH, Zhang X, Li GL, Liang SD. Long noncoding NONRATT021972 siRNA normalized abnormal sympathetic activity mediated by the upregulation of P2X7 receptor in superior cervical ganglia after myocardial ischemia. *Purinergic Signalling*, 2016, 12:521-535.
9. **Liu SM** (刘双梅, 第一作者, Shi QM, Zhu QC, Zou T, Li GL, Huang A, Wu B, Peng LC, Song MM, Wu Q, Xie QY, et al. P2X7 receptor of rat dorsal root

ganglia is involved in the effect of moxibustion on visceral hyperalgesia. Purinergic Signalling. (SCI收录), 2015,11:161-169.

10. 刘双梅 (第一作者), 黄安, 梁尚栋. P2Y 嘌呤受体与镇痛研究. 中国疼痛医学杂志. 2015,21 (10):778-784.
11. Liu SM(刘双梅, 第一作者), Xu CS, Li GL, Liu H, Xie JY, Tu GH, Peng HY, Qiu SY, Liang SD\*. Vatalanib decrease the positive interaction of VEGF receptor-2 and P2X2/3 receptor in chronic constriction injury rats. Neurochemistry International (SCI 收录), 2012,60:565-572.
12. 刘双梅(第一作者), 李桂林, 汤晓丽, 徐宏, 林加日, 谢金燕, 刘俊, 孔繁君, 吴饶平, 李国栋, 梁尚栋\*. 甲基莲心碱对 2 型糖尿病模型大鼠作用的代谢组学研究. 中国药理学通报, 2012, 28(4):490-495.
13. 刘双梅 (第一作者), 梁尚栋\*. P2 嘌呤受体与免疫和炎症. 细胞与分子免疫学杂志, 2009,25(12):1212-1216.
14. Zhang J, Liu SM (刘双梅, 共同第一作者), Xu BH, Li GD, Li GL, Huang A, Wu B, Peng LC, Song MM, Xie QY, Lin WJ, Xie W, Wen SY, Zhang ZD, Xu XL, Liang SD. Study of baicalin on sympathoexcitation induced by myocardial ischemia via P2X3 receptor in superior cervical ganglia. Autonomic Neuroscience: Basic and Clinical. (SCI 收录), 2015,189:8-15.
15. Fan B, Liu SM (刘双梅, 共同第一作者), Xu CS, Liu J, Kong FJ, Li GL, Gao Y, Xu H, Yu SC, Zheng CR, Peng LC, Song MM, Wu B, Lv QL, Zou LF, Ying MF, Zhang X, Liang SD. The role of P2X7 receptor in PC12 cells after exposure to oxygen-glucose deprivation. Autonomic Neuroscience: Basic and Clinical (SCI 收录), 2014,185:36-42.
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18. Wan F, Li GL, Liu SM(刘双梅, 共同第一作者), Zhu GC, Xu CS, Lin JR, Zhang J, Li X, Liang SD\*, P2X2/3 receptor activity of rat nodose ganglion

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● 所获项目、荣誉、奖励及参加学术团体的情况:

2014 年 国家自然科学基金 (地区基金) (48 万)

2017 年 国家自然科学基金 (青年基金) (20 万)

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