



中山大學醫學院

SUN YAT-SEN UNIVERSITY SCHOOL OF MEDICINE

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2000-2003年 毕业于青岛大学医学院，获解剖学与组织胚胎学硕士学位

2003-2006年 毕业于中山大学中山医学院，获生理学博士学位

2006-2019，任职于中山大学中山医学院生理学教研室，先后担任教学秘书、副主任职务

2019.06-至今，中山大学医学院生理学教研室

崔宇副教授研究阿片类受体激动剂引起痛觉过敏以及镇痛耐受的发生机制，主要探讨胶质细胞（小胶质细胞和星形胶质细胞）在上述活动中的作用。现已发表科研论文20余篇，其中SCI论文20余篇（第一作者或通讯作者6篇）。主持过国家自然科学基金青年基金、广东省卫生厅基金、985高校青年教师基金、广东省科技计划项目等共5项课题。参编人卫版、高教版《生理学》、《整合医学》和《医学导论》等教材；以及参与2017年国家医学题库的建设。

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著作

1. Xiao L, Han X, Wang XE, Li Q, Liu Z, Cui Y, Chen Y. Spinal serum- and glucocorticoid-regulated kinase 1 (SGK1) signaling contributes to morphine-induced analgesic tolerance in rats. *Neuroscience*. 2019. Accepted.
2. Xiao L, Han X, Wang XE, Li Q, Chen Y, Cui Y, Chen Y. Cathepsin S in the spinal microglia facilitates morphine-induced antinociceptive tolerance in rats. *Neurosci Lett*. 2019; 690: 225-231
3. Ye L, Xiao L, Yang SY, Duan JJ, Chen Y, Cui Y, Chen Y. Cathepsin S in the spinal microglia contributes to remifentanil-induced hyperalgesia in rats. *Neuroscience*. 2017; 344: 265–275
4. Ye L, Xiao L, Bai X, Yang SY, Li Y, Chen Y, Cui Y, Chen Y. Spinal mitochondrial-derived ROS contributes to remifentanil-induced postoperative hyperalgesia via modulating NMDA receptor in rats. *Neuroscience Letters*. 2016; 634:79–86
5. Cui Y, Liao XX, Liu W, Guo RX, Wu ZZ, Zhao CM, Chen PX, Feng JQ. A novel role of minocycline: Attenuating morphine antinociceptive tolerance by inhibition of p38 MAPK in the activated spinal microglia. *Brain, Behavior, and Immunity* 2008; 22: 114-123

6. Cui Y, Chen Y, Zhi JL, Guo RX, Feng JQ, Chen PX. Activation of p38 mitogen-activated protein kinase in spinal microglia mediates morphine antinociceptive tolerance. *Brain Res.* 2006; 1069(1): 235-243
7. Zhang XQ, Cui Y, Cui Y, Chen Y, Na XD, Chen FY, Wei XH, Li YY, Liu XG, Xin WJ. Activation of p38 signaling in the microglia in the nucleus accumbens contributes to the acquisition and maintenance of morphine-induced conditioned place preference. *Brain Behav Immun.* 2012; 26(2): 318-325
8. Guo SJ, Cui Y, Huang ZZ, Liu H, Zhang XQ, Jiang JX, Xin WJ. Orexin A-mediated AKT signaling in the dentate gyrus contributes to the acquisition, expression and reinstatement of morphine-induced conditioned place preference. *Addict Biol.* 2016; 21(3): 547-559
9. Cui Y, Chi HF. Practical new method for retinal tissue preparation. *Acta Academiae Medicinae Qingdao Universitatis.* 2005; 41(1): 90
10. Jiang JX, Liu H, Huang ZZ, Cui Y, Zhang XQ, Zhang XL, Cui Y, Xin WJ. The role of CA3-LS-VTA loop in the formation of conditioned place preference induced by context-associated reward memory for morphine. *Addict Biol.* 2016
11. Li D, Huang ZZ, Ling YZ, Wei JY, Cui Y, Zhang XZ, Zhu HQ, Xin WJ. Up-regulation of CX3CL1 via Nuclear Factor- κ B-dependent Histone Acetylation Is Involved in Paclitaxel-induced Peripheral Neuropathy. *Anesthesiology.* 2015;122(5): 1142-1151
12. Zhang X, Cui Y, Jing J, Cui Y, Xin W, Liu X. Involvement of p38/NF- κ B signaling pathway in the nucleus accumbens in the rewarding effects of morphine in rats. *Behav Brain Res.* 2011; 218(1): 184-9
13. Liu CC, Lu N, Cui Y, Yang T, Zhao ZQ, Xin WJ, Liu XG. Prevention of paclitaxel-induced allodynia by minocycline: Effect on loss of peripheral nerve fibers and infiltration of macrophages in rats. *Mol Pain.* 2011; 6:76
14. Cui Y, Zhang XQ, Cui Y, Xin WJ, Jing J, Liu XG. Activation of phosphatidylinositol 3-kinase/Akt mammalian target of Rapamycin signaling pathway in the hippocampus is essential for the acquisition of morphine-induced place preference in rats. *Neuroscience.* 2010; 171(1): 134-43
15. Chen Y, Cui Y, Lin JW, Xiang QL, Liu WF, Wang TH. Modulatory role of estradiol in nicotinic antinociception in adult female rats. *Life Sci.* 2009; 85 (1-2): 91-6

16. Guo RX, Zhang M, Liu W, Zhao CM, Cui Y, Wang CH, Feng JQ, Chen PX. NMDA receptors are involved in upstream of the spinal JNK activation in morphine antinociceptive tolerance. *Neurosci Lett.* 2009; 467: 95-9

参编教材

副主编，《实验生理科学》，王庭槐 主编，2014年，高等教育出版社

编委，《临床医学导论》，吴忠道 主编，2015年，高等教育出版社

编委，《整合医学-呼吸系统分册》，郑煜 主编，2014年，人民卫生出版社

编委，《医学电子书包-生理学》，王庭槐 主编，2015年，人民军医出版社

编委，《生理学》，刘先国 主编，2015年，科学出版社

编委，《西医临床医学综合能力考试-生理学精要》，王庭槐 主编，2018年

研究方向

吗啡耐受与痛敏、吗啡成瘾

