

简介



一般信息:

朱清, 男, 药理学专业博士, 博士生导师, 教授, 南通大学药学院及江苏省炎症与药物分子靶点重点实验室, 天然药物与药物分析系主任。2001年毕业于武汉科技大学临床医学专业, 2004年获得南通医学院航海医学专业硕士学位, 2012年获得复旦大学药理学博士学位。2016年-2017年在美国布法罗大学Jacobs医学和生物医学学院留学。主要从事天然镇痛药物研发以及药物代谢研究, 近年来主持国家、省部级等自然科学基金项目4项, 已发表SCI论文40余篇, 获授权国家专利6项。目前担任SCI杂志Frontiers in Pharmacology评审编辑, 以及担任多种国际专业杂志审稿专家。

研究方向: 天然镇痛药物研发; 药物动力学以及代谢组学研究; 心血管药物研发

研究团队: 本课题组有工作人员6名, 其中教授2名、副教授1名、讲师3名, 硕博研究生10名。课题组在研国家自然科学基金面上项目2项、青年基金项目2项。

代表性论文:

1. Weiwei Rong, Jiejia Li, Dingyi Pan, Qinbei Zhou, Yexuan Zhang, Qianxing Lu, Liyun Wang, Andong Wang, Yizhun Zhu*, **Qing Zhu***. Cardioprotective Mechanism of Leonurine against Myocardial Ischemia through a Liver-Cardiac Crosstalk Metabolomics Study[J]. *Biomolecules*, 2022, 12, 1512. (IF:6.064)
2. Feifeng Yang, Yue Zhu, Congyu Zhang, Ziyang Yang, Jia Yuan, **Qing Zhu***, Shushu Ding*. A highly sensitive and selective artificial nanochannel for in situ detection of hydroxyl radicals in single living cell. *Anal. Chim. Acta.*, 2022 1235:340537 (IF:6.911)
3. Weiwei Rong, Jiejia Li, Lifeng Wang, Shanshan Luo, Tulu Liang, Xunjia Qian, Xiaodan Zhang, Qinbei Zhou, Yizhun Zhu*, **Qing Zhu***. Investigation of the protective mechanism of leonurine against acute myocardial ischemia by an integrated metabolomics and network pharmacology strategy[J]. *Front. Cardiovasc. Med.*, 2022,

- 9: 969553. (IF:5.846)
4. Ming-Cong Zheng, Wen-Ting Tang, Lu-Lu Yu, Xun-Jia Qian, Jie Ren, Jie-Jia Li, Wei-Wei Rong, Jun-Xu Li and **Qing Zhu***. Preclinical Pharmacokinetics and Bioavailability of Oxypeucedanin in Rats after Single Intravenous and Oral Administration. *Molecules*, 2022, 27, 3570. (IF:4.927)
5. Xiaohua Pan[#], **Qing Zhu[#]**, Li-Long Pan*, Jia Sun*. Macrophage immunometabolism in inflammatory bowel diseases: From pathogenesis to therapy. *Pharmacol. & Ther.*, 2022, 238: 108176. (Review, IF:13.4)
6. Yuntao Ou, Man Su, Yong Ling, Qianqian Wei, Fei Pan, Jiejia Li, Jun-Xu Li*, **Qing Zhu***. Anti-allodynic effects of N-demethylsinomenine, an active metabolite of sinomenine, in a mouse model of postoperative pain. *Eur. J. Pharmacol.* 2018, 823:105–109. (IF:5.195)
7. Yong Ling, Jing Guo, Qiuxing Yang, Peng Zhu, Jiefei Miao, Weijie Gao, Yanfu Peng, Jiaying Yang, Kun Xu, Biao Xiong, Gongqing Liu, Jinhua Tao, Lin Luo, **Qing Zhu***, Yanan Zhang*. Development of novel β -carboline-based hydroxamate derivatives as HDAC inhibitors with antiproliferative and antimetastatic activities in human cancer cells. *Eur. J. Med. Chem.*, 2018, 144:398-409. (IF:7.088)
8. **Qing Zhu**, Yuehua Sun, Lina Mao, Chengpeng Liu, Bo Jiang, Wei Zhang & Jun-Xu Li. Antinociceptive effects of sinomenine in a rat model of postoperative pain, *Brit. J. Pharmacol.*, 2016, 173:1693-1702. (IF:9.473)

授权发明专利

- 一种镇痛药物组合物, 2021/03/19, 中国, ZL201710671939.4
- 氧化前胡素的新用途, 2020/05/08, 中国 ZL201810813028.5
- 氧化前胡素在制备治疗术后疼痛药物中的应用, 2020/04/28, 中国, ZL201810751676.2
- 青藤碱在制备治疗慢性疼痛伴抑郁行为药物中的应用, 2017/01/04, 中国, ZL201410456667.2
- 去甲青藤碱在制备镇痛药物中的应用, 2019/12/20 中国, ZL201610331233.9
- 牡荆素在制备治疗术后疼痛中的应用, 2017.11.07, 中国, ZL201510642790.8