

# 中西医结合研究院/学院导师简介

## 导师信息

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出生年月: 1987年1月 职称: 副教授  
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 学术学位硕士指导教师  专业学位硕士指导教师



## 工作经历

2014.07-2020.07 中国人民解放军联勤保障部队  
第967医院药物研究所  
2020.07-至今 大连医科大学中西医结合学院 副教授

## 学校及社会兼职

辽宁省药学会第十届理事会妇儿药学专业委员会 委员

## 主要研究方向

主要从事活性中药药效物质基础研究、代谢靶点在疾病发生中的作用机制研究等, 积累了一定的理论和技术基础, 在相关领域以通讯作者和第一作者身份发表SCI论文20余篇。

## 教学工作

承担本科生《中国医学史》《中医藏象学说的临床与实验研究进展》两门课程, 得到学生和教学督导的一致好评, 平均评教成绩超过93.2分; 承担研究生《专业外语》课程。

## 主要科研成果

1. An optimized NIR fluorescent probe for visualizing DPP IV and applications in the diagnosis and therapy of inflammatory bowel diseases. Sensors and Actuators B: Chemical. doi.org/10.1016/j.snb.2023.134358. (通讯作者)
2. Beneficial herb-drug interaction of rhein in Jinhongtang and Imipenem/Cilastatin mediated by organic anion transporters. Journal of Ethnopharmacology. doi.org/10.1016/j.jep.2023.116449. (通讯作者)

3. Therapeutic material basis and underlying mechanisms of Shaoyao Decoction-exerted alleviation effects of colitis based on GPX4-regulated ferroptosis in epithelial cells. *Chinese Medicine*, doi.org/10.1186/s13020-022-00652-1. **(通讯作者)**
4. UGTs-mediated metabolic interactions contribute to enhanced anti-inflammation activity of Jinhongtang. *Journal of Ethnopharmacology*. doi.org/10.1016/j.jep.2022.116016. **(通讯作者)**
5. A near-infrared fluorescent probe based on a hemi-cyanine skeleton for detecting CES1 activity and evaluating pesticide toxicity. *Journal of Materials Chemistry B*. doi.org/10.1039/d3tb00292f. **(并列一作)**
6. Endoplasmic Reticulum-Targeting Two-Photon Fluorescent Probe for CYP1A Activity and Its Imaging Application in Endoplasmic Reticulum Stress. *Molecules*. doi.org/10.3390/molecules28083472. **(并列一作)**
7. Microbial transformation of capsaicin by several human intestinal fungi and their inhibitory effects against lysine-specific demethylase 1. *Phytochemistry*. 2022 Oct;202:113365. DOI: 10.1016/j.phytochem.2022.113365. **(并列一作)**
8. Norepinephrine/ $\beta$ 2-Adrenergic Receptor Pathway Promotes the Cell Proliferation and Nerve Growth Factor Production in Triple-Negative Breast Cancer. *J Breast Cancer*. 2023 Jun;26(3):268-285. **(并列一作)**
9. Nucleosides and amino acids, isolated from *Cordyceps sinensis*, protected against cyclophosphamide-induced myelosuppression in mice. *Natural Product Research*. 2022. DOI: 10.1080/14786419.2022.2043307. **(并列一作)**
10. Simultaneous Determination of Ten Active Components From Jinhongtang Granule in Rat Plasma by LC-MS/MS and its Application to a Comparative Pharmacokinetic Study in Normal and Sepsis Rats In Vivo and In Vitro. *J Chromatogr Sci*. 2023 May 30;61(5):440-452. DOI: 10.1093/chromsci/bmac043. **(共同作者)**
11. "Domain Directional Optimization" strategy for the development of UGT1A1-activated fluorescent probe and the application in living systems. *Sensors and Actuators B: Chemical*. 2022 October 15;369:132342. DOI.org/10.1016/j.snb.2022.132342. **(共同作者)**

## 主要在研项目

- 1.主持：国家自然科学基金青年项目、基于“肠道菌-PEPT1”的致炎肽代谢途径研究中药五倍子改善结肠炎的药效物质及作用机制 (82204594)、2023.1-2025.12。
- 2.主持：辽宁省自然科学基金项目 (面上项目)、基于 OCT2-AQP2 双靶点揭示中药车前子缓解顺铂肾毒性的药效物质与药动学分子配伍机制 (2024-MS-158)、2024.9-2026.8。