2024 年 5 月　第 43 卷　第 5 期
月刊
1982 年 7 月创刊

药　学　研　究
JOURNAL OF PHARMACEUTICAL RESEARCH

《药学研究》第十三届编辑委员会

学 术 顾 问:陈凯先　管华诗　丁　健
岳建民　顾　宁

编 委 会 主 任:李　涛

编委会副主任:(按姓氏笔画排序)
丁丽霞　王凤山　卢秀莲　杜冠华　李　波
李　燕　邱　峰　陈士林　邵　蓉　郑家晴
胡立宏　柳　红　娄红祥　姚庆强　屠鹏飞

主　编:王维剑

副主编:林永强　程春雷　魏　霞　孙　铜

编　委:(按姓氏笔画排序)
丁　克　丁丽霞　于　沛　于荣敏　马　杰
马　国　王凤山　王永军　王戌梅　王荣梅
王淑敏　王　鹏　王　磊　尤启冬　方莲花
尹莉芳　邓仕任　卢秀莲　卢　燕　卢　懿
田海妍　皮荣标　朱　平　朱冬青　乔善义
刘玉璇　刘安昌　刘继华　刘焕香　刘景根
刘新泳　齐宪荣　安林坤　许风国　许　婧
孙成鹏　孙国祥　严春艳　杜冠华　李　华
李孝栋　李芸霞　李卓荣　李明玉　李　波
李　燕　杨　柯　杨　勇　吴亚林　吴　伟
吴艳芬　邱　峰　何祥久　何琪杨　何蓉蓉
余　蓉　沈　雁　宋　超　张东明　张冬梅
张兰英　张　伟　张庆英　张　杰　张相林
张晓琦　张培成　张　海　张　翱　陈士林
陈艳芬　邵　蓉　范　源　罗海彬　金少鸿
金　晶　周建平　郑忠辉　郑　彧　郑家晴
孟宪生　赵龙山　赵桂森　赵　维　赵渤年
胡立宏　胡昌勤　胡金锋　柳　红　娄红祥
姚庆强　姚美村　夏　星　徐　伟　徐志南
徐　峻　凌沛学　高分飞　高　昊　郭远强
郭志睿　郭　颖　唐　蕾　黄鸣清　黄容琴
盛　亮　寇俊萍　屠鹏飞　景　明　程　刚
傅俊杰　鲁　桂　温　清　游雪甫　窦明金
窦桂芳　蔡　圣　臧恒昌

JOURNAL OF PHARMACEUTICAL RESEARCH

目　次

·实验研究·
荔枝核总黄酮通过抑制 TLR4-TAK1 抗大鼠肝纤维化的机制分析
…… 覃田田,黄盼玲,胡兴兰,罗伟生,李宇清(417)
胆汁制钩吻总碱抑制结肠癌细胞增殖的作用研究
…… 王文义,檀兴慧,陈倪济世,李德森,吴水生(422)
阿魏酸治疗阿尔茨海默病的潜在靶点预测及验证
…… 陈斯亮,刘梦鸽,史晋宁,徐晓庆,蔡红艳,韩维娜(428)
染料木素邻苯二甲酰亚胺衍生物合成及其抗乳腺癌活性研究
…… 郑兴,孙林军,朱颖丽,姚旭(435)
LC-MS/MS 法测定肿瘤患者血浆中帕米帕利浓度
…… 陈世贤,梁笑笑,时海燕,张霈,林晓晴,黄欣(439)
基于 QbD 理念优化胞磷胆碱钠注射液生产工艺
…… 黄翠苹,王玉青,张娜(444)

·药品监管科学研究专栏·
我国药品上市许可持有人制度的实施现状及对策分析
…… 干长姣,程立,元延芳,房军(449)
橡胶类药包材国际标准概况及进展
…… 贾菲菲,赵霞,杨会英(455)

·综　　述·
姜黄素在心血管疾病中的作用与新型给药策略研究进展
…… 韩拓,闫保娥,张静若,李雯,张岩(461)
FGFR 抑制剂在前列腺癌中的应用
…… 高云香,范一苇,朱宇,赵承光,赵海洋(466)
银杏叶提取物抗炎活性成分及作用机制研究进展
…… 夏江,姜京京,王晓玲,陈静芳,阎红,张文君(473)
治疗高脂血症的藏药及研究现状
…… 何长廷,才曾卓玛,张寿德,切羊让忠(480)
新型降脂药物 PCSK9 抑制剂在动脉粥样硬化心血管疾病的研究现状
…… 马国文,刘世昌,王海亮,姜文妍,王学健(487)

·临床药学·
CYP2D6、CYP2C19、CYP2B6、SLC6A4、HTR2A 基因型和 5-羟色胺再摄取抑制剂抗抑郁药:2023 年 CPIC 指南解读…… 周长凯,于红霞,曹铭晨,史云燕,刘东华,纪洪艳,邢晓敏,王心怡,李静,荆凡波(495)
英夫利西单抗治疗儿童溃疡性结肠炎的疗效及安全性
…… 朱立平,魏绪霞,郝丽娜,薛宁,李霞(504)

·药学教育·
基于创新能力提升的药学研究生课程改革及效果评价
———以科研思路与方法课程为例
…… 邓志鹏,张喆,张永清,容蓉,周洪雷,李伟(509)

·药事管理·
脂肪乳/氨基酸/葡萄糖复合型三腔袋产品仿制药药学研究的相关考虑
…… 张歆,王宏亮,吴小飞,许真玉(513)
新法规下已上市化学药品生产批量变更政策解读及常见问题分析
…… 周冲,刘军田,谢纪珍,徐晓娟,武海军,马超(516)
《药学研究》关于抵制学术不端行为的声明 …… (460)

期刊基本参数:CN37-1493/R * 1982 * m * A4 * 104 * zh * P * ￥30.00 * * 18 * 2024-05
本期责任编辑:戴文婷

2024 May Volume 43 Number 5
Monthly
Founded in July, 1982

药 学 研 究
JOURNAL OF PHARMACEUTICAL RESEARCH

Academic Advisor: CHEN Kaixian GUAN Huashi DING Jian YUE Jianmin GU Ning

Director of Editorial Board: LI Tao

Associate Director of Editorial Board:

DING Lixia	WANG Fengshan	LU Xiulian
DU Guanhua	LI Bo	LI Yan
QIU Feng	CHEN Shilin	SHAO Rong
ZHENG Jiaqing	HU Lihong	LIU Hong
LOU Hongxiang	YAO Qingqiang	TU Pengfei

Editor-in-Chief: WANG Weijian

Associate Editors-in-Chief: LIN Yongqiang CHENG Chunlei WEI Xia SUN Tong

Members of Editoriol Board:

DING Ke	DING Lixia	YU Pei
YU Rongmin	MA Jie	MA Guo
WANG Fengshan	WANG Yongjun	WANG Xumei
WANG Rongmei	WANG Shumin	WANG Peng
WANG Lei	YOU Qidong	FANG Lianhua
YIN Lifang	DENG Shiren	LU Xiulian
LU Yan	LU Yi	TIAN Haiyan
PI Rongbiao	ZHU Ping	ZHU Dongqing
QIAO Shanyi	LIU Yuxuan	LIU Anchang
LIU Jihua	LIU Huanxiang	LIU Jinggen
LIU Xinyong	QI Xianrong	AN Linkun
XU Fengguo	XU Jing	SUN Chengpeng
SUN Guoxiang	YAN Chunyan	DU Guanhua
LI Hua	LI Xiaodong	LI Yunxia
LI Zhuorong	LI Mingyu	LI Bo
LI Yan	YANG Ke	YANG Yong
WU Yalin	WU Wei	WU Yanfen
QIU Feng	HE Xiangjiu	HE Qiyang
HE Rongrong	YU Rong	SHEN Yan
SONG Chao	ZHANG Dongming	ZHANG Dongmei
ZHANG Lanying	ZHANG Wei	ZHANG Qingying
ZHANG Jie	ZHANG Xianglin	ZHANG Xiaoqi
ZHANG Peicheng	ZHANG Hai	ZHANG Ao
CHEN Shilin	CHEN Yanfen	SHAO Rong
FAN Yuan	LUO Haibin	JIN Shaohong
JIN Jing	ZHOU Jianping	ZHENG Zhonghui
ZHENG Yu	ZHENG Jiaqing	MENG Xiansheng
ZHAO Longshan	ZHAO Guisen	ZHAO Wei
ZHAO Bonian	HU Lihong	HU Changqin
HU Jinfeng	LIU Hong	LOU Hongxiang
YAO Qingqiang	YAO Meicun	XIA Xing
XU Wei	XU Zhinan	XU Jun
LING Peixue	GAO Fenfei	GAO Hao
GUO Yuanqiang	GUO Zhirui	GUO Ying
TANG Lei	HUANG Mingqing	HUANG Rongqin
SHENG Liang	KOU Junping	TU Pengfei
JING Ming	CHENG Gang	FU Junjie
LU Gui	WEN Qing	YOU Xuefu
DOU Mingjin	DOU Guifang	CAI Sheng
ZANG Hengchang		

JOURNAL OF PHARMACEUTICAL RESEARCH

CONTENTS

Mechanism of total flavones from litchi seed against liver fibrosis in rats by inhibiting TLR4-TAK1 …… *QIN Tiantian, HUANG Panling, HU Xinglan, LUO Weisheng, LI Yuqing* (417)

Research on the suppressive effects of alkaloids of bile-processed *Gelsemium elegans* on colon cancer cell proliferation …… *WANG Wenyi, TAN Xinghui, CHENNI Jishi, LI Desen, WU Shuisheng* (422)

Prediction and validation of potential targets for Alzheimer's disease treatment using ferulic acid …… *CHEN Siliang, LIU Mengge, SHI Jinning, XU Xiaoqing, CAI Hongyan, HAN Weina* (428)

Synthesis and anti-breast cancer activity of phthalimide derivatives of genistein …… *ZHENG Xing, SUN Linjun, ZHU Yingli, YAO Xu* (435)

Determination of pamiparib in plasma of cancer patients by LC-MS/MS method …… *CHEN Shixian, LIANG Xiaoxiao, SHI Haiyan, ZHANG Pei, LIN Xiaoqing, HUANG Xin* (439)

Optimization of the production process of Citicoline Sodium Injection based on QbD …… *HUANG Cuiping, WANG Yuqing, ZHANG Na* (444)

Analysis of the implementation status and countermeasures of drug marketing authorization holder system in China …… *GAN Changjiao, CHENG Li, YUAN Yanfang, FANG Jun* (449)

Overview and progress of international standards for rubber pharmaceutical packaging materials …… *JIA Feifei, ZHAO Xia, YANG Huiying* (455)

Research progress on the effects and novel drug delivery strategies of curcumin in cardiovascular diseases …… *HAN Tuo, YAN Baoe, ZHANG Jingruo, LI Wen, ZHANG Yan* (461)

The application of FGFR inhibitors in prostate cancer …*GAO Yunxiang, FAN Yiwei, ZHU Yu, ZHAO Chengguang, ZHAO Haiyang* (466)

Research progress on anti-inflammatory active ingredients and mechanism of *Ginkgo biloba* extract …… *XIA Jiang, JIANG Jingjing, WANG Xiaoling, CHEN Jingfang, YAN Hong, ZHANG Wenjun* (473)

Tibetan medicine and research status in the treatment of hyperlipidemia … *HE Changting, CAI Zengzhuoma, ZHANG Shoude, QIE Yangrangzhong* (480)

Research status of new lipid-lowering drugs PCSK9 inhibitors in arteriosclerosis cardiovascular disease …… *MA Guowen, LIU Shichang, WANG Hailiang, JIANG Wenyan, WANG Xuejian* (487)

CYP2D6, CYP2C19, CYP2B6, SLC6A4, HTR2A genotypes and serotonin reuptake inhibitor antidepressants: interpretation of the 2023 CPIC guideline …… *ZHOU Changkai, YU Hongxia, CAO Mingchen, SHI Yunyan, LIU Donghua, JI Hongyan, XING Xiaomin, WANG Xinyi, LI Jing, JING Fanbo* (495)

Efficacy and safety of infliximab in the treatment of ulcerative colitis in children …… *ZHU Liping, WEI Xuxia, HAO Lina, XUE Ning, LI Xia* (504)

Course reform and effectiveness evaluation of pharmacy graduate students based on innovation ability enhancement: taking the course of Scientific Research Ideas and Methods as an example … *DENG Zhipeng, ZHANG Zhe, ZHANG Yongqing, RONG Rong, ZHOU Honglei, LI Wei* (509)

Some considerations on the study of fat emulsion/amino acids/glucose injection …… *ZHANG Xin, WANG Hongliang, WU Xiaofei, XU Zhenyu* (513)

Problems analysis and policy interpretation of changes to batch for chemical drug under the new regulations … *ZHOU Chong, LIU Juntian, XIE Jizhen, XU Xiaojuan, WU Haijun, MA Chao* (516)

Journal Primary Parameter: CN37-1493/R * 1982 * m * A4 * 104 * zh * P * ￥30.00 * * 18 * 2024-05