2022 年 2 月　第 41 卷　第 2 期
月刊
1982 年 7 月创刊

药　学　研　究
JOURNAL OF PHARMACEUTICAL RESEARCH

《药学研究》第十二届编辑委员会

学 术 顾 问:陈凯先　管华诗　丁　健
岳建民
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　田景振　杜冠华
李　波　李　燕　郑家晴　娄红祥　顾　宁

主　　编:李　军
执行主编:胡德福
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　王建新
王荣梅　王淑敏　王　鹏　王　磊　尤启冬
方莲花　尹莉芳　邓仕任　龙亚秋　卢秀莲
卢　燕　卢　懿　田海妍　田景振　皮荣标
朱　平　朱冬青　乔善义　刘玉璇　刘继华
刘焕香　刘景根　刘新泳　齐宪荣　安　良
安林坤　许风国　许　婧　孙国祥　孙洪胜
严春艳　杜冠华　李　华　李孝栋　李芸霞
李宏建　李卓荣　李明玉　李　波　李　燕
杨永华　杨　柯　杨　勇　肖衍宇　吴亚林
吴　伟　吴艳芬　邱　峰　何祥久　何琪杨
何蓉蓉　余　蓉　沈　雁　张东明　张冬梅
张兰英　张庆英　张　杰　张岫美　张相林
张晓琦　张海英　张培成　张　翱　陈士林
陈卫民　陈艳芬　邵荣光　邵　蓉　范　源
罗海彬　岳建民　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　赵渤年　胡立宏　胡昌勤　胡金锋
柳　红　娄红祥　姚庆强　姚美村　夏　星
顾　宁　徐　伟　徐志南　徐　峻　凌沛学
高分飞　高　昊　郭远强　郭瑞臣　郭　颖
黄鸣清　黄容琴　盛　亮　寇俊萍　屠鹏飞
景　明　程　刚　傅俊杰　鲁　桂　曾　苏
游雪甫　窦明金　窦桂芳　臧恒昌

JOURNAL OF PHARMACEUTICAL RESEARCH

目　　次

·实验研究·
基于网络药理学及分子对接探讨“柴胡-当归”药对治疗乳腺增生的作用机制 …… 袁名扬,周学刚,扈丹丹,蒋蕾,杨波,彭海生(71)
酪蛋白抗凝血肽的分离纯化及其抗凝血活性测定 …… 刘丽莎,苗艳丽,陈绍红,张刘,卢晓(79)
甘蓝强骨片急性毒性和长期毒性试验 …… 周泽璇,张婷,梁国栋,刘卫东,肖云峰(83)
HPLC 法同时测定感冒疏风片中 5 个成分的含量 …… 李奇,田静(88)
阿胶糕中驴皮源成分的质量控制研究 …… 赵艳霞,姜树银,巩丽萍,石峰,程春雷,罗学刚(92)
·中药炮制专栏·
泽泻的炮制历史沿革研究 …… 张立强,李媛媛,鞠成国(96)
酒制补骨脂炮制工艺优化 …… 陈李东,张学顺,刘晓倩(100)
·新冠肺炎专题·
常态化抗疫期间Ⅰ期临床试验受试者保护 …… 蔡宝乐,马鹏程(104)
·综　　述·
基于直肠给药系统的研究和最新进展 …… 周春慧,韩晓璐,李蒙,王增明,李春梅,王向涛,郑爱萍(107)
尿酸性肾病发病机制相关信号通路研究进展 …… 高天舒,肖愉箫,苏晓语,李嘉琦,陈佳佳,胡伟凤,贾昱晗,王星,陈真(113)
盐酸小檗碱的心血管药理活性研究进展 …林青薇,李沛波,吴灏,彭维,钟华林,苏薇薇,程春雷,王永刚(117)
基于 tau 蛋白的阿尔茨海默病药物研发方法概述 …… 仲苏月,谭秋龙,姚炫豹,杨佳颖,肖时锋(122)
·临床药学·
四妙散加减治疗急性痛风性关节炎对凝血指标影响的临床研究 …… 景嵘月,徐蕾,徐长松,徐媚媚,郭亮,陈月月(127)
课题达成型品管圈在提升慢性乙肝患者药学服务中的应用 …… 龚银华,张萍,洪晓,陈蓉,徐文杰,朱建国(131)
·药品不良反应·
1120 例药品不良反应/事件的发生特点与转归分析 …… 林茂,刘敏惠,陈崇泽,戴亨纷(136)
《药学研究》杂志 2022 年度征订启事 …… (103)
《药学研究》关于抵制学术不端行为的声明 …… (130)

期刊基本参数:CN37-1493/R * 1982 * m * A4 * 70 * zh * P * ￥10.00 * * 15 * 2022-02
本期责任编辑:戴文婷

2022 February Volume 41 Number 2
Monthly
Founded in July, 1982

药 学 研 究
JOURNAL OF PHARMACEUTICAL RESEARCH

Academic Advisor: CHEN Kaixian GUAN Huashi
DING Jian YUE Jianmin
Director of Editorial Board: LI Tao
Associate Director of Editorial Board:
DING Lixia WANG Fengshan LU Xiulian
TIAN Jingzhen DU Guanhua LI Bo
LI Yan ZHENG Jiaqing LOU Hongxiang
GU Ning
Editor in Chief: LI Jun
Executive-Editor in Chief: HU Defu
Commissions:

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

JOURNAL OF PHARMACEUTICAL RESEARCH

CONTENTS

Discussion on the mechanisms of couplet medicine of "*Bupleuri Radix-Angelicae Sinensis Radix*" for mammary gland hyperplasia based on network pharmacology and molecular docking ····· *YUAN Mingyang, ZHOU Xuegang, HU Dandan, JIANG Lei, YANG Bo, PENG Haisheng* (71)

Separation and purification of casein anticoagulant peptide and determination of its anticoagulant activity ···*LIU Lisha, MIAO Yanli, CHEN Shaohong, ZHANG Liu, LU Xiao* (79)

Study on acute and long-term toxicity of Ganlanqianggu Tablets ····· *ZHOU Zexuan, ZHANG Ting, LIANG Guodong, LIU Weidong, XIAO Yunfeng* (83)

Simultaneous determination of five components in Ganmaoshufeng Tablets by HPLC ····· *LI Qi, TIAN Jing* (88)

Study on the quality control of skin ingredients of donkey in donkey-hide gelatin pastry ····· *ZHAO Yanxia, JIANG Shuyin, GONG Liping, SHI Feng, CHENG Chunlei, LUO Xuegang* (92)

Research on the historical evolution of *Alisma orientale* ····· *ZHANG Liqiang, LI Yuanyuan, JU Chengguo* (96)

Optimization of processing technology of *Psoraleae* Fructus with wine ····· *CHEN Lidong, ZHANG Xueshun, LIU Xiaoqian* (100)

Protection of subjects in phase Ⅰ clinical trials during normalized anti-epidemic period ····· *CAI Baole, MA Pengcheng* (104)

Research and recent progress of rectal drug delivery system ····· *ZHOU Chunhui, HAN Xiaolu, LI Meng, WANG Zengming, LI Chunmei, WANG Xiangtao, ZHENG Aiping* (107)

Research progress of signal pathways related to the pathogenesis of uric acid nephropathy ····· *GAO Tianshu, XIAO Yuxiao, SU Xiaoyu, LI Jiaqi, CHEN Jiajia, HU Weifeng, JIA Yuhan, WANG Xing, CHEN Zhen* (113)

Research progress on cardiovascular activities of berberine hydrochloride ····· *LIN Qingwei, LI Peibo, WU Hao, PENG Wei, ZHONG Hualin, SU Weiwei, CHENG Chunlei, WANG Yonggang* (117)

The overview of techniques of AD drug developments targeting tau protein ····· *ZHONG Suyue, TAN Qiulong, YAO Xuanbao, YANG Jiaying, XIAO Shifeng* (122)

Clinical observation on the effect of Simiao Powder on coagulation index in the treatment of acute gouty arthritis ····· *JING Rongyue, XU Lei, XU Changsong, XU Meimei, GUO Liang, CHEN Yueyue* (127)

Application of subject-achieving quality control circle in improving pharmaceutical care for patients with chronic hepatitis B ····· *GONG Yinhua, ZHANG Ping, HONG Xiao, CHEN Rong, XU Wenjie, ZHU Jianguo* (131)

Characteristics and outcomes analysis of 1120 adverse drug reactions/events ····· *LIN Mao, LIU Minhui, CHEN Chongze, DAI Hengfen* (136)

Journal Primary Parameter: CN37-1493/R * 1982 * m * A4 * 70 * zh * P * ￥10.00 * * 15 * 2022-02