2019 年 9 月　第 38 卷　第 9 期
月刊
1982 年 7 月创刊

药　学　研　究
JOURNAL OF PHARMACEUTICAL RESEARCH

《药学研究》第十一届编辑委员会

学 术 顾 问: 陈凯先　管华诗　丁　健
岳建民

编 委 会 主 任: 史国生

编委会副主任: (按姓氏笔画排序)
丁丽霞　王凤山　田景振　杜冠华　李　波
李　燕　张海英　郑家晴　娄红祥　顾　宁

主　　编: 李　军

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　正　尹莉芳　邓仕任　石任兵
龙亚秋　卢　燕　卢　懿　田海妍　田景振
皮荣标　朱　平　朱冬青　乔善义　华子春
刘玉璇　刘继华　刘培庆　刘焕香　刘景根
刘新泳　齐宪荣　安　良　安林坤　安　琳
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　张志荣　张　杰　张岫美　张建军
张相林　张　莉　张晓琦　张海英　张培成
张　鉴　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　梁　鸿　寇俊萍　屠鹏飞　董俊兴
景　明　程　刚　傅俊杰　鲁　桂　曾　苏
游雪甫　蓝文健　窦明金　窦桂芳

JOURNAL OF PHARMACEUTICAL RESEARCH

目　　次

·专家论坛·

树状大分子作为基因递送载体的研究进展
…… 胡正霞,何东升,涂家生(497)

·实验研究·

探针底物法评价柚皮苷对大鼠肝脏 CYP3A1/2 酶代谢活性的影响
…… 程可羚,吴灏,白杨,樊威洋,苏薇薇,李沛波(503)

泊洛沙姆 407 修饰吉非替尼脂质体的制备及抗肿瘤活性研究
…… 王洪涛,刘照容,王敬磊,王方,张彦卓(510)

RP-HPLC 法测定载替加环素脂质微泡的包封率
…… 任雅君,王海翔,王岁楼,徐艳艳,田吉来(516)

仙灵密骨颗粒质量标准的研究 …… 刘群,邱少华,林晓(520)

解肌宁嗽口服液质量标准提升研究
…… 袁珍珍,战伟,孔祥攀,刘静(525)

·综　　述·

脂毒性诱导的非酒精性脂肪性肝炎的研究进展
…… 李晨,闪雪纯,傅继华(528)

聚合物 PEG-PLGA 在纳米给药系统中的应用研究进展
…… 张文君,王晴,吴梦婷,吕江维,吕春艳(532)

中药致肾毒性研究进展及临床预防策略
…… 张琳,韩欣汝,臧恒昌,刘伟(539)

蛋白酶激活受体拮抗剂在抗血小板领域的研究进展
…… 李杉杉,朱雄(543)

·药事管理·

2018 年山东省药品生产和 GMP 认证许可分析
…… 张杰,韩莹(550)

基于应急检验的文献查新与检索方法案例分析
…… 周维利,赵艳霞,公为红(553)

·药品不良反应·

我院 133 例中药注射剂不良反应报告分析
…… 刘梅霞,赵小燕(555)

《药学研究》关于抵制学术不端行为的声明 …… (524)

期刊基本参数: CN37-1493/R * 1982 * m * A4 * 62 * zh * P * ￥10.00 * * 13 * 2019-09
本期责任编辑: 刘中原

2019 September Volume 38 Number 9
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: SHI Guosheng
Associate Director of Editorial Board:
DING Lixia WANG Fengshan TIAN Jingzhen
DU Guanhua LI Bo LI Yan
ZHANG Haiying ZHENG Jiaqing LOU Hongxiang
GU Ning
Editor in Chief: LI Jun
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 Zheng YIN Lifang
DENG Shiren SHI Renbing LONG Yaqiu
LU Yan LU Yi TIAN Haiyan
TIAN Jingzhen PI Rongbiao ZHU Ping
ZHU Dongqing QIAO Shanyi HUA Zichun
LIU Yuxuan LIU Jihua LIU Peiqing
LIU Huanxiang LIU Jinggen LIU Xinyong
QI Xianrong AN Liang AN Linkun
AN Lin 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 Zhirong
ZHANG Jie ZHANG Xiumei ZHANG Jianjun
ZHANG Xianglin ZHANG Li ZHANG Xiaoqi
ZHANG Haiying ZHANG Peicheng ZHANG Jian
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 LIANG Hong KOU Junping
TU Pengfei DONG Junxing JING Ming
CHENG Gang FU Junjie LU Gui
ZENG Su YOU Xuefu LAN Wenjian
DOU Mingjin DOU Guifang

JOURNAL OF PHARMACEUTICAL RESEARCH

CONTENTS

Recent advances in the study of dendrimers based gene delivery systems ····· *HU Zhengxia, HE Dongsheng, TU Jiasheng* (497)

Estimating the influences of orally administrated naringin on the activity of hepatic cytochrome P450 3A1/2 enzyme in rats using a probe substrate method ····· *CHENG Keling, WU Hao, BAI Yang, FAN Weiyang, SU Weiwei, LI Peibo* (503)

Preparation of poloxamer 407 modified gefitinib liposome and study of its antitumor activity ··· *WANG Hongtao, LIU Zhaorong, WANG Jinglei, WANG Fang, ZHANG Yanzhuo* (510)

Determination of encapsulation efficiency of tigecycline lipid microbubbles by RP-HPLC ····· *REN Yajun, WANG Haixiang, WANG Suilou, XU Yanyan, TIAN Jilai* (516)

Study on quality standard of Xianling Migu Granules ····· *LIU Qun, QIU Shaohua, LIN Xiao* (520)

Study on the improvement of quality standard of Jiejingningsou Oral Liquid ····· *YUAN Zhenzhen, ZHAN Wei, KONG Xiangpan, LIU Jing* (525)

Research progress of lipotoxicity-induced nonalcoholic steatohepatitis ····· *LI Chen, SHAN Xuechun, FU Jihua* (528)

Research progress on the application of PEG-PLGA bloc copolymer in nano drug delivery systems ····· *ZHANG Wenjun, WANG Qing, WU Mengting, LYU Jiangwei, LYU Chunyan* (532)

Research progress on rational application of traditional Chinese medicine which is easy to cause renal toxicity ····· *ZHANG Lin, HAN Xinru, ZANG Hengchang, LIU Wei* (539)

Research progress on protease-activated receptor antagonists in the field of antiplatelet ····· *LI Shanshan, ZHU Xiong* (543)

License analysis of drug production and GMP certification in Shandong Province in 2018 ····· *ZHANG Jie, Han Ying* (550)

Novelty search and literature retrieval method based on emergency test case analysis ····· *ZHOU Weili, ZHAO Yanxia, GONG Weihong* (553)

Analysis of 133 cases of adverse reaction of Chinese medicine injection in our hospital ····· *LIU Meixia, ZHAO Xiaoyan* (555)

Journal Primary Parameter: CN37-1493/R * 1982 * m * A4 * 62 * zh * P * ¥10.00 * * 13 * 2019-09