2016 年 1 月　第 35 卷　第 1 期
月刊
1982 年 7 月创刊

药　学　研　究
JOURNAL OF PHARMACEUTICAL RESEARCH

《药学研究》编辑委员会

学 术 顾 问:陈凯先

编 委 会 主 任:桂敦山

编委会副主任:娄红祥　田景振　王凤山
李　波　史国生

主　编:史国生

委　员:(按姓氏笔画排序)

丁丽霞　马　国　王凤山　王永军
王庆利　王建新　王荣梅　王淑敏
王　鹏　尤启冬　方莲花　尹　正
尹莉芳　石任兵　龙亚秋　卢　燕
卢　懿　田景振　史国生　皮荣标
朱　平　乔善义　华子春　刘玉璇
刘培庆　刘焕香　刘景根　刘新泳
齐宪荣　安林坤　安　琳　许风国
孙国祥　孙洪胜　杜冠华　李　华
李宏建　李　波　杨永华　肖衍宇
吴亚林　吴　伟　吴艳芬　何琪杨
余　蓉　沈　雁　张东明　张兰英
张庆英　张志荣　张岫美　张建军
张相林　张　莉　张培成　张　鉴
张　翱　陈士林　邵荣光　邵　蓉
罗海彬　岳建民　金少鸿　周建平
郑忠辉　郑家晴　赵渤年　胡立宏
胡昌勤　胡金锋　柳　红　娄红祥
姚庆强　顾　宁　徐志南　徐　峻
凌沛学　郭远强　郭瑞臣　郭　颖
黄容琴　梁　鸿　屠鹏飞　董俊兴
程　刚　曾　苏　游雪甫　窦桂芳

JOURNAL OF PHARMACEUTICAL RESEARCH

目　次

·专家论坛·
RNA 编辑技术 CRISPR/Cas9 的原理及功能 …… 包勇,姜小筱,杨永华(1)
·实验研究·
5 F -Na 注射液对人肝癌 MHCC97L 细胞毒性及凋亡的影响 …… 符伟玉,蓝柳波,覃燕梅,吴科锋,马晓鹂(10)
楷木枝叶提取物抗水貂呕吐的药效及机制研究 …… 任爱玲,李晓玲,张鉴,张继国,岳旺,王晓琰,侯宁,丁波(13)
丹参多糖的急性和亚急性毒性试验研究 …… 李永明(16)
不同炮制方法对火麻仁饮片中葫芦巴碱含量的影响 …… 朱夏敏,王春娇,王鑫,蔡明宸,邓仕任(19)
HPLC 法测定中华跌打丸(大蜜丸)中 5 -羟甲基糠醛的含量 …… 刘晓瑜,邱海强(22)
RP -HPLC 法测定米铂的含量 …… 范振华(25)
顶空 -GC 法检测灯盏花素片中的丙酮残留量 …… 张赟华,董媛,刘莹莹,李忠琼,张雯洁(27)
·制剂研究·
双氯芬酸羟乙基吡咯烷盐巴布剂制备及其体外透皮研究 …… 吕杨格格,孙春萌,沈雁,熊晔蓉,涂家生(30)
乳腺增生丸质量标准研究 …… 钟建青,惠军(33)
·综　　述·
TRPV1 和 TRPV4 通道参与缺血/氧处理心血管保护的研究进展 …… 黄海燕,张世忠(37)
选择性环氧化酶 -2 抑制剂对心血管影响的研究进展 …… 杨鹰,孙茹,曹艳花(41)
小胶质细胞内钙离子水平调控机制研究进展 …… 都慧慧(46)
·临床药学·
养血清脑颗粒治疗血管性认知功能障碍疗效的 Meta 分析 …… 刘泰,曾佩佩,张青萍(49)
复合磷酸酯酶肠溶片联合水飞蓟宾胶囊治疗 70 例单纯酒精性肝病的临床观察 …… 黄新造,纪丹,赛君,柯文柄(53)
·药学教育·
浅谈如何利用实验室大型仪器的共享平台开展本科实验教学 …… 宋力,李志裕(55)
·工业药学·
水浴灭菌器布水均匀性确认方法研究 …… 许文东,于鹏,王长城,马秀娟,原江涛(57)
·流通药学·
“互联网 +”时代下医药电子商务发展探讨 …… 杨欣怡,刘永军(60)
著作权授权声明 …… (9)

期刊基本参数:CN37 -1493/R * 1982 * m * A4 * 62 * zh * P * ￥10.00 * * 18 * 2016 -01
本期责任编辑:孙　铜

2016 January Volume 35 Number 1
Monthly
Founded in July,1982

药 学 研 究
JOURNAL OF PHARMACEUTICAL RESEARCH

Academic Advisor:CHEN Kai-xian

Director of Editorial Board:GUI Dun-shan

Associate Director of Editorial Board:

LOU Hong-xiang TIAN Jing-zhen WANG Feng-shan
LI Bo SHI Guo-sheng

Editor-in chief: SHI Guo-sheng

Commissions:

DING Li-xia MA Guo WANG Feng-shan
WANG Yong-jun WANG Qing-li WANG Jian-xin
WANG Rong-mei WANG Shu-min WANG Peng
YOU Qi-dong FANG Lian-hua YIN Zheng
YIN Li-fang SHI Ren-bing LONG Ya-qiu
LU Yan LU Yi TIAN Jing-zhen
SHI Guo-sheng PI Rong-biao ZHU Ping
QIAO Shan-yi HUA Zi-chun LIU Yu-xuan
LIU Pei-qing LIU Huan-xiang LIU Jing-gen
LIU Xin-yong QI Xian-rong AN Lin-kun
AN Lin XU Feng-guo SUN Guo-xiang
SUN Hong-sheng DU Guan-hua LI Hua
LI Hong-jian LI Bo YANG Yong-hua
XIAO Yan-yu WU Ya-lin WU Wei
WU Yan-fen HE Qi-yang YU Rong
SHEN Yan ZHANG Dong-ming ZHANG Lan-ying
ZHANG Qing-ying ZHANG Zhi-rong ZHANG Xiu-mei
ZHANG Jian-jun ZHANG Xiang-lin ZHANG Li
ZHANG Pei-cheng ZHANG Jian ZHANG Ao
CHEN Shi-lin SHAO Rong-guang SHAO Rong
LUO Hai-bin YUE Jian-min JIN Shao-hong
ZHOU Jian-ping ZHENG Zhong-hui ZHENG Jia-qing
ZHAO Bo-nian HU Li-hong HU Chang-qin
HU Jin-feng LIU Hong LOU Hong-xiang
YAO Qing-qiang GU Ning XU Zhi-nan
XU Jun LING Pei-xue GUO Yuan-qiang
GUO Rui-chen GUO Ying HUANG Rong-qin
LIANG Hong TU Peng-fei DONG Jun-xing
CHENG Gang ZENG Su YOU Xue-fu
DOU Gui-fang

JOURNAL OF PHARMACEUTICAL RESEARCH

CONTENTS

The principle and functions of RNA editing technology CRISPR/Cas9 ····· *BAO Yong, JIANG Xiaoxiao, YANG Yonghua*(1)
Effects of 5F－Na on cytotoxicity and apoptosis on human liver cancer MHCC97L cells ····· *FU Weiyu, LAN Liubo, Qin Yanmei, WU Kefeng, MA Xiaoli*(10)
Study on mechanism of *Pistaciasinensis* Bunge branches and leaves extract on vomiting model of mink ····· *REN Ailing, LI Xiaoling, ZHANG Jian, ZHANG Jiguo, YUE Wang, WANG Xiaoyan, HOU Ning, DING Bo*(13)
Acute and sub－chronic toxicity study on *Salvia miltiorrhiza* polysaccharides ····· *LI Yongming*(16)
Effects of different processing methods on the determination of trigonelline in *Fructus Cannabis* decoction pieces ····· *ZHU Xiamin, WANG Chunjiao, WANG Xin, CAI Mingchen, DENG Shiren*(19)
Determination of 5－hydroxymethyl furfural in Zhonghuadieda Pills (Big Honeyed Pills) by HPLC ····· *LIU Xiaoyu, QIU Haiqiang*(22)
Determination of miriplatin by RP－HPLC ····· *FAN Zhenhua*(25)
Determination of residual acetone of Dengzhanhuasu Tablets by headspace－GC ··· *ZHANG Yunhua, DONG Yuan, LIU Yingying, LI Zhongqiong, ZHANG Wenjie*(27)
Preparation of diclofenac epolamine cataplasm and its percutaneous permeability in vitro ····· *LYU YANG Gege, SUN Chunmeng, SHEN Yan, XIONG Yerong, TU Jiasheng*(30)
Study on quality standard for Ruxian Zengsheng Pills ····· *ZHONG Jianqing, HUI Jun*(33)
Research progress of TRPV1 and TRPV4 channels in ischemia/oxygen conditioning－induced cardioprotection ····· *HUANG Haiyan, ZHANG Shizhong*(37)
Research progress on the effect of selective COX－2 inhibitors on cardiovascular diseases ··· *YANG Ying, SUN Ru, CAO Yanhua*(41)
Research progress on relationship between intracellular calcium levels and microglial activation ····· *DU Huihui*(46)
Meta analysis of Yangxue Qingnao Granule in the treatment of vascular cognitive dysfunction ····· *LIU Tai, ZENG Peipei, ZHANG Qingping*(49)
Clinical curative effect of Compound Phosphatase Enteric Coated Tablets combined with Silibinin Capsules in the treatment of 70 cases of simple alcoholic liver disease ····· *HUANG Xinzao, JI Dan, SAI Jun, KE Wenbing*(53)
Discussion on how to use large scale equipments platform in teaching experiment ····· *SONG Li, LI Zhiyu*(55)
Research on water distribution uniformity confirmation method of water bath sterilizer ····· *XU Wendong, YU Peng, WANG Changcheng, MA Xiujuan, YUAN Jiangtao*(57)
Discussion on the development of medical electronic commerce in the era of "Internet +" ····· *YANG Xinyi, LIU Yongjun*(60)

Journal Primary Parameter:CN37－1493/R＊1982＊m＊A4＊62＊zh＊P＊ ¥10.00＊ ＊18＊2016－01