

中国药学会系列期刊

全国中文核心期刊

美国《剑桥科学文摘(自然科学)》来源期刊

美国《乌利希期刊指南(网络版)》收录期刊

美国 Index Medicus(IM, Medline)引用期刊

中国科技论文统计源期刊

美国《化学文摘》收录期刊

《日本科学技术振兴机构数据库》(JST)来源期刊

中国科学引文数据库来源期刊

世界卫生组织西太区医学索引(WPRIM)收录期刊

中国科协精品科技期刊工程项目资助

SCIE引用期刊

ISSN 1001-6821

CN 11-2220/R

中国临床药理学杂志

第30卷

第3期

第305-456页

2023年2月

中国药学会

# 中国临床药理学杂志

ZHONGGUO LINCHUANG YAOLIXUE ZAZHI

The Chinese  
Journal of  
Clinical  
Pharmacology



全国邮局订阅  
邮发代号:82-142

ISSN 1001-6821



中国药学会  
Chinese Pharmaceutical Association

3

2023

《中国临床药理学杂志》第39卷 第3期 (总第377期) Vol. 39 No. 3 (Serial No. 377)



中国临床药理学杂志

1985年1月创刊 公开发行

出版日期(半月刊) 每月17, 28日

第39卷 第3期/2023-02-17

**主编** 韩启德 院士  
**常务副主编** 单爱莲

**主管单位** 中国科学技术协会  
**主办单位** 中国药学会  
**协办单位** 北京大学医学部  
 北京大学医学出版社有限公司  
 南方医科大学南方医院  
**编辑出版** 北京大学临床药理研究所  
 中国临床药理学杂志编辑部  
**地 址** 北京市海淀区学院路38号  
**邮 编** 100191  
**电 话** (010) 8280 2540  
**传 真** (010) 6207 2817  
**E-mail** cjcp1985@163.com

**执行主编** 崔一民  
**副主编** 王睿, 刘丽宏, 许重远, 阳国平  
 (临床药理)  
**副主编** 赵秀丽, 孙铁英  
 (医学)  
**副主编** 童荣生, 赵志刚, 赵维  
 (临床药学)  
**副主编** 李见明, 王骏  
 (新药审评)  
**责任编辑** 戴荣源

**科技期刊登记号** CODEN ZLYZE9  
**国际标准刊号** ISSN 1001-6821  
**国内统一连续出版物号** CN 11-2220/R  
**国外发行代号** BM818  
**邮发代号** 82-142  
**订 阅** 全国各地邮局  
**国内发行** 北京市报刊发行局  
**国外发行** 中国国际图书贸易集团有限公司  
 (北京399信箱, 100044)

**广告经营许可证** 京朝市监广登字20200019号  
**图 文 制 作** 北京一心禾众文化传播有限公司  
 北京荣康美医药科技有限公司  
**印 刷** 中国文联印刷厂  
**国 内 定 价** 30.00元 全年720.00元

版 权 所 有 不 得 翻 印

## 目 次

### [论著]

#### · 临床与基础桥接研究 ·

- (307) 细菌性肝脓肿并发脓毒症的临床特征 ..... 张碧莹, 路明, 林菲, 等
- (312) 人免疫球蛋白联合注射用头孢哌酮钠舒巴坦治疗新生儿感染性肺炎的临床研究 ..... 缪韩, 张小华, 许冬梅
- (316) 依达拉奉右莰醇注射液治疗急性大动脉粥样硬化型脑梗死患者的临床研究 ..... 韩薇, 徐宇浩, 于明
- (320) 孟鲁司特钠咀嚼片联合布地奈德混悬液治疗急性期支气管哮喘患儿的临床研究 ..... 范新凤, 李艳玲, 孙晓宝, 等
- (324) 长短效粒细胞集落刺激因子用于乳癌化疗后骨髓保护的临床研究 ..... 陈木兰, 何朝光, 黄静, 等
- (328) 宫颈鳞状上皮叉头框蛋白M1与子宫颈上皮内瘤变的关系 ..... 何涓, 康灵, 唐健, 等
- (332) 布地奈德雾化吸入剂治疗肺炎支原体肺炎患儿的临床研究 ..... 唐云丽, 康丽, 雷超兰, 等
- (336) 氨甲环酸用于腰椎后路减压固定融合术患者的临床研究 ..... 孙振民, 王琪, 杨楠, 等
- (341) 病毒性肝硬化对丙泊酚全身麻醉下行宫腔镜术的影响 ..... 解东明, 邓友明, 刘婷婷
- (345) 奥洛他定滴眼液联合普拉洛芬滴眼液治疗过敏性结膜炎患者的临床研究 ..... 徐艳, 林智, 吴育芝
- (349) 醋酸亮丙瑞林微球治疗子宫内膜异位症患者的临床研究 ..... 吴春爱, 张琴, 罗文群
- (354) 比索洛尔对心肌梗死后心力衰竭大鼠的影响 ..... 彭涛, 汪俊军, 刘金良, 等
- (359) 米诺地尔对血管平滑肌细胞迁移及高血压相关基因离子转换调节器5表达的影响 ..... 拜文廉, 马玉民, 马进才
- (363) 黄芪甲苷对心肾综合征大鼠的肾功能保护作用研究 ..... 王时光, 刘攀, 任超, 等
- (368) 大黄-丹参药对延缓单侧输尿管梗阻大鼠肾纤维化的研究 ..... 王宏, 刘琳娜, 江茜, 等

- (373) 肾纤维大鼠circRNA调控网络构建及靶基因预测 ..... 朱芸, 杨芳, 胡瑚, 等
- (377) 达格列净联用厄贝沙坦对糖尿病大鼠糖代谢及足细胞功能的影响 ..... 张洁, 贾新菊, 董闪闪, 等

- (382) 八聚体转录因子1通过细胞外调节蛋白激酶/丝裂原活化蛋白激酶信号通路对胃癌细胞侵袭的影响 ..... 马俊文, 刘东涛, 刘惠娟, 等
- (386) 复方谷氨酰胺胶囊通过靶向自噬相关基因5介导自噬诱导胃癌细胞凋亡的研究 ..... 刘欣, 延威

- (391) N6-甲基腺苷甲基化对结直肠癌细胞中程序性死亡配体1表达的影响 ..... 韦群, 张雯, 曹飞
- (395) 黄芪多糖上调miR-133a抑制前列腺癌DU145细胞增殖、侵袭及迁移的研究 ..... 张孝旭, 李文华, 陈小敏, 等

- (400) 刺糖低聚糖润肠通便及调节肠道菌群的功效研究 ..... 宋建忠, 李杰, 杨婧, 等
- 药代动力学与生物等效性研究 ·

- (405) 美洛昔康片在中国健康受试者中的生物等效性研究 ..... 朱艺芳, 张全英, 王蒙, 等
- (410) 恩扎卢胺软胶囊在中国健康男性受试者中的生物等效性研究 ..... 段舟萍, 江学辉, 温金华, 等

- (415) 奥氮平口溶膜在中国健康受试者中的生物等效性研究 ..... 冯巧巧, 纪红英, 宋元明, 等
- 研究方法 ·

- (420) 用UPLC-MS/MS法检测人干血斑中氯喹和羟氯喹的浓度 ..... 毕重文, 高宇阳, 袁恒杰, 等
- (425) 用UPLC-MS/MS法测定大鼠血浆中辅酶Q10的浓度 ..... 王祥艳, 张寅静, 朱小勇, 等
- 用药点评 ·

- (430) 化脓性肌炎患者抗菌药物降阶梯治疗的病例分析 ..... 应颖秋, 孔旭东, 郑佳佳, 等
- 药物不良反应 ·

- (434) 基于美国FAERS数据库的纳武利尤单抗免疫相关不良事件分析 ..... 林小兰, 宋锦添, 黄静, 等
- 读者园地 ·

- (438) 生物等效性临床试验餐谱设计及分析 ..... 孙莹, 许雅倩, 宋灵雅, 等
- 综述 ·

- (442) 清肺排毒汤治疗新型冠状病毒肺炎的网络药理学研究现状 ..... 张淑娜, 杨晓云, 母慧娟
- (447) 肿瘤相关靶点滋养层糖蛋白5T4的研究现状 ..... 郝瑞家, 李桂霞, 刘艳菊, 等
- 药物评价与管理 ·

- (452) 《药物临床试验期间方案变更技术指导原则(试行)》解读 ..... 裴小静, 崔灿, 王海学
- 科学文摘 ·

- (311) APOE4通过少突胶质细胞的胆固醇失调损害髓鞘形成 ..... 张淑娜, 杨晓云, 母慧娟
- (441) 药物基因组学检测与抑郁症状缓解:一项前瞻、对照性临床试验的系统评价和荟萃分析 ..... 郝瑞家, 李桂霞, 刘艳菊, 等
- (456) 卡马替尼与伊曲康唑和利福平的药代动力学相互作用研究 ..... 裴小静, 崔灿, 王海学

Editor-in-chief: HAN Qi-de

Administrative vice chief editor: SHAN Ai-lian

## The Chinese Journal of Clinical Pharmacology

Founded in January, 1985

Date of publication: Semimonthly

Vol 39, No.3/17, February 2023

### Directed by:

China Association for Science and Technology

Sponsored by: Chinese Pharmaceutical Association

Supporter Supporting Organization Co-sponsor

### Co-organizer:

Peking University Health Science Center

Peking University Medical Press

Nanfang Hospital, Southern Medical University

### Edited and Published by:

Institute of Clinical Pharmacology,  
Peking University

Editorial Board of the Chinese Journal  
of Clinical Pharmacology

38 Xue Yuan Road, Haidian District  
Beijing 100191, China

Tel: 86-10-8280 2540

Fax: 86-10-6207 2817

E-mail: cjcpc1985@163.com

Executive editor-in-chief: CUI Yi-min

### Associate editor-in-chief

on clinical pharmacology: WANG Rui

LIU Li-hong

XU Zhong-yuan

YANG Guo-ping

### Associate editor-in-chief

on clinical medicine: ZHAO Xiu-li

SUN Tie-ying

### Associate editor-in-chief

on clinical pharmacy: TONG Rong-sheng

ZHAO Zhi-gang

ZHAO Wei

### Associate editor-in-chief

on medical administration: LI Jian-ming

WANG Jun

Editor: DAI Rong-yuan

CODEN ZLYZE9

ISSN 1001-6821

CN 11-2220/R

### Domestic Subscription:

Beijing Post Office Code No. 82-142

### Overseas Subscription:

China International Book Trading Corp.  
(PO Box Beijing 399, Beijing 100044, China)  
Code No. BM818

Printed by: China Wenlian Printing House

Price: RMB 30.00 Yuan (Domestic)

### All Copyrights Reserved

# CONTENTS

### [Original Article]

#### • Clinical and Basic Bridging Research •

- (307) Clinical characteristics of sepsis caused by pyogenic liver abscess ..... ZHANG Bi-ying, LU Ming, LIN Fei, et al
- (312) Clinical trial of human immunoglobulin combined with ceftazidime sodium and sulbactam sodium for injection in the treatment of neonatal infective pneumonia ..... MIAO Han, ZHANG Xiao-hua, XU Dong-mei
- (316) Clinical trial of edaravone dextrose injection in the treatment of patients with acute large artery atherosclerotic cerebral infarction ..... HAN Wei, XU Yu-hao, YU Ming
- (320) Clinical trial of montelukast sodium chewable tablets combined with budesonide suspension in the treatment of children with acute asthma ..... FAN Xin-feng, LI Yan-ling, SUN Xiao-bao, et al
- (324) Clinical trial of long and short acting granulocyte colony stimulating factor in bone marrow protection after chemotherapy for breast cancer ..... CHEN Mu-lan, HE Chao-guang, HUANG Jing, et al
- (328) Relationship between cervical squamous epithelial forkhead box protein M1 and cervical intraepithelial neoplasia ..... HE Juan, KANG Ling, TANG Jian, et al
- (332) Clinical trial of budesonide atomization inhalation in the treatment of children with mycoplasma pneumoniae pneumonia ..... TANG Yun-li, KANG Li, LEI Chao-lan, et al
- (336) Clinical trial of tranexamic acid in posterior decompression and fusion internal fixation for the treatment of lumbar degenerative diseases ..... SUN Zhen-min, WANG Qi, YANG Nan, et al
- (341) Effect of viral cirrhosis on hysteroscopy under general anesthesia with propofol ..... XIE Dong-ming, DENG You-ming, LIU Ting-ting
- (345) Clinical trial of olopatadine eye drops combined with pralopidine eye drops in the treatment of patients with allergic conjunctivitis ..... XU Yan, LIN Zhi, WU Yu-zhi
- (349) Clinical trial of leuproreotide acetate microspheres in the treatment of patients with endometriosis ..... WU Chun-ai, ZHANG Qin, LUO Wen-qun
- (354) Effect of bisoprolol in rats with heart failure after myocardial infarction ..... PENG Tao, WANG Jun-jun, LIU Jin-liang, et al
- (359) Effects of minoxidil on migration of vascular smooth muscle cells and expression of hypertension related gene FXRD domain containing ion transport regulator 5 ..... BAI Wen-lian, MA Yu-min, MA Jin-cai
- (363) Protective effect of Astragaloside IV on renal function in rats with cardiorenal syndrome ..... WANG Shi-guang, LIU Pan, REN Chao, et al
- (368) Research of Rhubarb-Salvia miltiorrhiza inhibiting renal fibrosis in rats with unilateral ureteral obstruction ..... WANG Hong, LIU Lin-na, JIANG Qian, et al
- (373) Construction of circRNA regulatory network and prediction of target genes in renal fiber rats ..... ZHU Yun, YANG Fang, HU Hu, et al
- (377) Effects of dapagliflozin combined with irbesartan on glucose metabolism and podocyte function in diabetic rats ..... ZHANG Jie, JIA Xin-ju, DONG Shan-shan, et al
- (382) Octamer transcription factor 1 regulates gastric cancer invasion through mediating extracellular signal-regulated kinase / mitogen-activated protein kinases signaling pathway ..... MA Jun-wen, LIU Dong-tao, LIU Hui-juan, et al
- (386) Compound glutamine capsules induce gastric cancer cell apoptosis by targeting autophagy-related gene 5 and mediating autophagy ..... LIU Xin, YAN Wei
- (391) Effect of N6-methyladenosine methylation on the expression of programmed death ligand 1 in colorectal cancer cells ..... WEI Wei, ZHANG Wen, CAO fei
- (395) Study of astragalus polysaccharide inhibits the proliferation, invasion and migration of prostate cancer DU145 cells by up regulating miR-133a ..... ZHANG Xiao-xu, LI Wen-hua, CHEN Xiao-min, et al
- (400) Study on the efficacy of rosinose oligosaccharide in nourishing bowel and regulating intestinal microflora ..... SONG Jian-zhong, LI Jie, YANG Jing, et al
- ### • Pharmacokinetics and Bioequivalence Study •
- (405) Bioequivalence of meloxicam in Chinese healthy subjects ..... ZHU Yi-fang, ZHANG Quan-ying, WANG Meng, et al
- (410) Bioequivalence of enzalutamide in healthy Chinese male healthy subjects ..... DUAN Zhou-ping, JIANG Xue-hui, WEN Jin-hua, et al
- (415) Bioequivalence of olanzapine oral soluble film in Chinese healthy subjects ..... FENG Qiao-qiao, JI Hong-ying, SONG Yuan-ming, et al
- ### • Research Method •
- (420) Determination of chloroquine and hydroxychloroquine in human dried blood spots by UPLC-MS/MS ..... BI Chong-wen, GAO Yu-yan, YUAN Heng-jie, et al
- (425) Determination of coenzyme Q10 in rats plasma by UPLC-MS/MS ..... WANG Xiang-yan, ZHANG Yin-jing, ZHU Xiao-yong, et al
- ### • Medication Comment •
- (430) Case analysis of antibacterial de-escalation therapy in pyomyositis patient ..... YING Ying-qiu, KONG Xu-dong, ZHENG Jia-jia, et al
- ### • Adverse Drug Reactions •
- (434) Analysis of immune-related adverse events of nivolumab based on US FAERS database ..... LIN Xiao-lan, SONG Jin-tian, HUANG Jing, et al
- ### • Reader's Field •
- (438) Design and analysis of a diet for bioequivalence clinical trial ..... SUN Ying, XU Ya-qian, SONG Ling-ya, et al
- ### • Review •
- (442) Research status on network pharmacology of Qingfei Paidu decoction in treating coronavirus disease 2019 ..... ZHANG Shu-na, YANG Xiao-yun, MU Hui-juan
- (447) Research status of the tumor-associated target: Trophoblast glycoprotein 5T4 ..... HAO Rui-jia, LI Gui-xia, LIU Yan-ju, et al
- ### • Drug Evaluation and Administration •
- (452) Key points of technical guideline for protocol amendments during a drug clinical trial (interim) ..... PEI Xiao-jing, CUI Can, WANG Hai-xue