

中国药学会系列期刊

中国科技论文统计源期刊

中国科学引文数据库来源期刊

全国中文核心期刊

美国《化学文摘》收录期刊

世界卫生组织西太区医学索引(WPRIM)收录期刊

ISSN 1001-6821

美国《剑桥科学文摘(自然科学)》来源期刊

《日本科学技术振兴机构数据库》(JST)来源期刊

CN 11-2220/R

美国《乌利希期刊指南(网络版)》收录期刊

中国科协精品科技期刊工程项目资助

美国 Index Medicus(IM, Medline)引用期刊

SCIE引用期刊

# 中国临床药理学杂志

## ZHONGGUO LINCHUANG YAOLIXUE ZAZHI

# The Chinese Journal of Clinical Pharmacology

中国临床药理学杂志

第38卷

第21期

第2521-2656页

2022年11月

中国药学会

全国邮局订阅  
邮发代号:82-142

ISSN 1001-6821



中国药学会  
Chinese Pharmaceutical Association

# 21 2022

《中国临床药理学杂志》第38卷 第21期 (总第371期) Vol. 38 No. 21 (Serial No. 371)



主 编  
韩启德 院士  
常务副主编  
单爱莲

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38卷 第21期/2022-11-17

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 王超群

科技期刊登记号 CODEN ZLYZE9  
国际标准连续出版物号 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 15.00元 全年360.00元

版权所有 不得翻印

## 目 次

### [论著]

- 临床与基础桥接研究 ·
- (2523) 小儿肺热清颗粒治疗小儿肺炎支原体肺炎的临床疗效及其对炎性因子的影响  
李红叶, 刘丹琦, 李泽蔚, 等
- (2527) 急性大动脉粥样硬化性脑梗死患者早期神经功能恶化的危险因素分析  
谢薇, 王猛猛, 任怡, 等
- (2531) *NAT2*基因多态性在藏汉结核患者间的分布及抗结核药物诱导肝损伤的相关性研究  
徐娜, 何霞, 李星星, 等
- (2536) 雷公藤多苷片联合缬沙坦治疗慢性肾小球肾炎合并高血压患者的效果  
梁艳, 孙蔚楠, 张宏, 等
- (2541) 新型冠状病毒肺炎疫情对肾移植门诊患者他克莫司血药浓度的影响  
陈艳, 郑萍, 苗芸, 等
- (2545) 派柏西利治疗激素受体阳性人类表皮生长因子受体2阴性晚期乳腺癌的疗效和安全性  
张珍, 刘雅娟, 丁玲玉
- (2550) 熊去氧胆酸调控动脉血管内膜增生的机制研究  
曾光, 金永志, 黄毅, 等
- (2554) miR-103a-3p通过p38 MAPK信号通路抑制高糖诱导的血管内皮细胞损伤  
班维固, 齐辉, 卿鹏, 等
- (2559) 奥沙利铂调控微小RNA-185-5p的表达抑制结肠癌细胞增殖、迁移和侵袭的研究  
朱顺, 熊非, 肖静, 等
- (2564) 结肠癌细胞调节M2型巨噬细胞极化促进化疗耐药的研究  
贾琳琳, 陈进宝, 池华博文, 等
- (2568) PTC-596对人乳腺癌MCF-7细胞侵袭和迁移抑制作用及机制研究  
杨建林, 田家俊, 陈倩影, 等
- (2572) 多西他赛通过miR-144-3p对卵巢癌细胞增殖及凋亡的影响  
王菲, 宋永祯, 刘忠杰, 等
- (2577) 维生素D对肿瘤坏死因子- $\alpha$ 诱导的滋养细胞损伤的保护作用研究  
张哲, 缪芳
- (2581) 决奈达隆对充血性心力衰竭大鼠心房颤动的影响及机制研究  
胡晓星, 孙婧
- (2586) 氢吗啡酮对脓毒性脑病大鼠的脑保护作用  
付磊, 代静静, 王兆
- (2591) 葛根异黄酮抗缺血性卒中作用机制的研究  
陈明惠, 严苗艺, 陈颖, 等
- (2596) 蒙药德都红花-7味散对大鼠慢性肝损伤保护机制  
韩志强, 巴图德力根, 薛兰, 等
- (2600) 环孢素A和维他他命肽对自发性高血压大鼠T淋巴细胞Kv1.3通路调节作用研究  
林红, 刘长江, 张源明
- (2605) 罗格双胍对2型糖尿病大鼠的降糖作用及机制研究  
宋燧, 胡湘南, 孙文娟, 等
- (2610) 免疫蛋白酶体亚基低分子量蛋白2基因敲除大鼠的繁殖与基因型鉴定  
陈兴泳, 毛艳光, 姚楠楠, 等
- 药代动力学与生物等效性研究 ·
- (2615) 氢溴酸右美沙芬片在中国健康受试者的生物等效性研究  
苏健芬, 徐佐恒, 申子涵, 等
- 细菌耐药性分析 ·
- (2621) 腐败希瓦菌感染的临床特点及耐药性分析  
孟昌, 马序竹, 林金兰
- 研究方法 ·
- (2624) 液相色谱-串联质谱法测定人血浆中阿普唑仑的浓度  
阎佳, 宋昆泽, 张进权, 等
- (2628) HPLC-MS/MS同时测定柴胡安心胶囊中7种有效成分的血药浓度  
杨琳, 于静, 周春华, 等
- 读者园地 ·
- (2634) 北京地区近10年伏立康唑相关肝损伤分析  
张春燕, 钟蕾, 黄琳, 等
- (2638) 全球帕金森病综合治疗指南的分析  
庞文渊, 翟利杰, 刘依琳, 等
- 综述 ·
- (2644) 丁苯酞治疗脑缺血的研究现状  
吴国泰, 张艳霞, 王晓禹, 等
- (2648) 免疫检查点抑制药相关不良事件对疗效预测的研究现状  
程凯, 周进, 陈燕, 等
- 药物评价与管理 ·
- (2652) 使用生物标志物精准指导抗肿瘤药物的临床研发  
宋媛媛, 夏琳, 郝瑞敏, 等
- 科学文摘 ·
- (2637) 达格列净、艾塞那肽及其联合用药对2型糖尿病患者降血压作用的机制
- (2656) 胆固醇酯转移蛋白抑制药Obicetrapib与高强度他汀类药物联合使用的降血脂效果研究

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 38, No.21/17, November 2022

### 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: cjcp1985@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: WANG Chao-qun

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 15.00 Yuan (Domestic)

## All Copyrights Reserved

# CONTENTS

### [Original Article]

#### • Clinical and Basic Bridging Research •

- (2523) Clinical efficacy of Xiao'er Feireqing granules in the treatment of *Mycoplasma pneumoniae* pneumonia and its effect on inflammatory factors ..... LI Hong-ye, LIU Dan-qi, LI Ze-wei, *et al*
- (2527) Risk factors of early neurological deterioration in patients with acute large artery atherosclerotic cerebral infarction ..... XIE Wei, WANG Meng-meng, REN Yi, *et al*
- (2531) Distribution of *NAT2* gene polymorphism among Tibetan and Han Tuberculosis patients and its correlation with anti-TB drug-induced liver injury ..... XU Na, HE Xia, LI Xing-xing, *et al*
- (2536) Effect of tripterygium wilfordii polyglycoside tablets combined with valsartan in patients with chronic glomerulonephritis and hypertension ..... LIANG Yan, SUN Wei-nan, ZHANG Hong, *et al*
- (2541) Effects of the COVID-19 pandemic on the blood concentration of tacrolimus in outpatient kidney transplant recipients ..... CHEN Yan, ZHENG Ping, MIAO Yun, *et al*
- (2545) Efficacy and safety of palbociclib in the treatment of hormone receptor-positive human epidermal receptor 2-negative advanced breast cancer ..... ZHANG Zhen, LIU Ya-juan, DING Ling-yu
- (2550) Mechanism of ursodeoxycholic acid in regulating intimal hyperplasia of arteries ..... ZENG Guang, JIN Yong-zhi, HUANG Yi, *et al*
- (2554) miR-103a-3p inhibits high glucose-induced vascular endothelial cell injury through p38 MAPK signaling pathway ..... BAN Wei-gu, QI Hui, QING Peng, *et al*
- (2559) Oxaliplatin regulates the expression of microRNA-185-5p and inhibits the proliferation, migration and invasion of colon cancer cells ..... ZHU Shun, XIONG Fei, XIAO Jing, *et al*
- (2564) Colon cancer cells regulate polarization of M2 macrophages to promote chemoresistance ..... JIA Lin-lin, CHEN Jin-bao, CHI Hua-bo-wen, *et al*
- (2568) Inhibitory effect and mechanism of PTC-596 on invasion and migration of human breast cancer MCF-7 cells ..... YANG Jian-lin, TIAN Jia-jun, CHEN Qian-ying, *et al*
- (2572) Effects of docetaxel on proliferation and apoptosis of ovarian cancer cells through miR-144-3p ..... WANG Fei, SONG Yong-zhen, LIU Zhong-jie, *et al*
- (2577) Protective effects of vitamin D on tumor necrosis factor- $\alpha$  induced injury in trophoblast cells ..... ZHANG Zhe, MIAO Fang
- (2581) Effects and mechanism of dronedarone on atrial fibrillation in rats with congestive heart failure ..... HU Xiao-xing, SUN Jing
- (2586) Protective effect of hydromorphone on the brain of rats with septic encephalopathy ..... FU Lei, DAI Jing-jing, WANG Zhao
- (2591) Study on mechanism of action of pueraria isoflavone against ischemic stroke ..... CHEN Ming-hui, YAN Miao-yi, CHEN Ying, *et al*
- (2596) Protective mechanism of mongolian medicine Deduhonghua-7 powder on rats with chronic liver injury ..... HAN Zhi-qiang, BATU De-li-gen, XUE Lan, *et al*
- (2600) Regulating effect of cyclosporin A and vivit peptide on T lymphocytes Kv1.3 channel in spontaneously hypertensive rats ..... LIN Hong, LIU Chang-jiang, ZHANG Yuan-ming
- (2605) Hypoglycemic effect and mechanism of rosiglitazone metformin on type 2 diabetes in rats ..... SONG Yi, HU Xiang-nan, SUN Wen-juan, *et al*
- (2610) Breeding and identifying for immunoproteasome subunit low molecular weight protein 2 gene knockout rats ..... CHEN Xing-yong, MAO Yan-guang, YAO Nan-nan, *et al*
- #### • Pharmacokinetics and Bioequivalence Study •
- (2615) Bioequivalence of dextromethorphan hydrobromide tablets in healthy Chinese volunteers ..... SU Jian-fen, XU Zuo-heng, SHEN Zi-han, *et al*
- #### • Analysis of Drug Resistance •
- (2621) Analysis of clinical characteristic and resistant profile of *Shewanella putrefacens* infection ..... MENG Chang, MA Xu-zhu, LIN Jin-lan
- #### • Research Method •
- (2624) Determination of alprazolam in human plasma by liquid chromatography-tandem mass spectrometry ..... YAN Jia, SONG Kun-ze, ZHANG Jin-quan, *et al*
- (2628) Simultaneous determination of seven bioactive components of Chaihu Anxin capsule in plasma by HPLC-MS/MS ..... YANG Lin, YU Jing, ZHOU Chun-hua, *et al*
- #### • Reader's Field •
- (2634) Voriconazole-induced liver injury in Beijing: A real-world study in recent ten years ..... ZHANG Chun-yan, ZHONG Lei, HUANG Lin, *et al*
- (2638) Analysis of global guidelines for comprehensive treatment of Parkinson's disease ..... PANG Wen-yuan, ZHAI Li-jie, LIU Yi-lin, *et al*
- #### • Review •
- (2644) Research status of butylphthalide in the treatment of cerebral ischemia ..... WU Guo-tai, ZHANG Yi-xuan, WANG Xiao-yu, *et al*
- (2648) Current status on efficacy prediction of immune checkpoint inhibitor-related adverse events ..... CHENG Kai, ZHOU Jin, CHEN Yan, *et al*
- #### • Drug Evaluation and Administration •
- (2652) Anticancer drug research and development based on biomarkers ..... SONG Yuan-yuan, XIA Lin, HAO Rui-min, *et al*