

半月刊
1992年1月创刊
2026年8月 第35卷 第16期
(总第659期)
2026年8月20日出版

中国药业

ZHONGGUO YAOYE

CHINA PHARMACEUTICALS

目次

药业专论

新时代肿瘤专科药学科普创作实践及热点分析

钟陆华,张云惠,陈浩云,黄焕均,杨佳丽,石 凤,陈卓佳,黄红兵,梁蔚婷(1)

药事管理

国内外化妆品植物类新原料监管制度对比分析 邹艳琳,陈坚生,柳鹏程,梁 毅(5)

基于冰山模型的药品检查员职业精神和专业能力研究 陈 景,王 俊,刘俊宏,张倩婷,姜成菊(11)

医疗机构肉毒抗毒素药学服务保障体系建立 何洁丽,李士华,卓羽波,王南松,王艳丽(14)

过氧化氢汽化技术在隔离器灭菌中的应用及检查关注点 马岩松,孔庆斌,李 炎,康 鹰,董 方(19)

麻精药品信息化闭环管理体系的构建与实践 郭小兰,李 伟,倪 蓓,侯湘梅,戴旭和(24)

FOCUS - PDCA 模式提高某院 PIVAS 药品不溶性微粒达标率效果评价

巴合提·乌拉孜别克,张雪蕊,赵 欣,宋 涵(30)

紧密型县域医疗共同体下宜宾市医疗机构临床药学服务实施现状调研

张 磊,陈 凯,康学栋,敬春艳,陈 诚,陈 乾(36)

2024年零售药店违法药品行政处罚案件分析与启示 李海剑,胡永新,曹琳琳,刘 伟(41)

某院程序性死亡蛋白受体1抑制剂临床应用及合理性分析 邵佳佳,熊飞军,吴 皓,李晓燕,姚 晖(46)

药理学著

天麻总酚对离体大鼠肠系膜动脉环的舒张作用 卓柳梦,赵 倩,夏霜莉,宋 波,代 蓉(50)

鸡矢藤栓成型工艺优选 刘彩霞,赵艺琳,孙桢桢,孙妮妮,杜晨晖,李志鹏,裴香萍(55)

依托咪酯调控 Nrf2 / HO - 1 / NQO1 信号通路对大鼠脑缺血 - 再灌注氧化应激的影响

杨正雄,张世勇,卢玺宇,王艺桦,吴爱玲(60)

薏苡仁治疗肉瘤作用机制的网络药理学和转录组学研究 王丽嫒,王舒桐,杨 琪,杨 璐(65)

不同流通渠道制何首乌饮片质量评价 赖飞娥,秦永洁,李婷婷,陈燕青,覃乾汉,江 驾,刘喜华,赵应学(76)

检验检测

0.9%氯化钠注射液质量分数分析中折光测定法应用考察 乔晓芳,马晓宁,蒋芙蓉(84)

二十一味绿绒蒿浓缩丸质量标准提升研究 肖志勇,龙锦涛,吴叶鑫,李 康,叶本贵,黄 群,聂丽娟(88)

祛湿减肥膏质量标准研究 王婉茹,尉亚楠,刘姗姗,张雪敬,程江雪,翟秉涛,郭东艳(95)

高效液相色谱法同时测定龙丹丸中11种成分含量 王海琴,韩睿思,罗 骞,谢艳华,王四旺,肖会敏(100)

七味化痰颗粒质量标准研究 李 婷,侯晓丽,刘 洁,朱秋珍,刘 娟,时扣荣(104)

香芍颗粒高效液相色谱指纹图谱建立及化学计量学分析 陈雪怡,李俊强(108)

临床研究

达格列净辅助重组人脑利钠肽治疗房颤性心肌病临床观察 谢 巍,罗 宇,王 瑞,谭 娟(114)
老年患者伏立康唑致不良反应影响因素研究 李 鸽,钱 磊,魏 灿,方 玲(118)
CO₂激光序贯干扰素联合 ALA - PDT 治疗肛周尖锐湿疣并 AIDS 疗效观察 罗 雯,柳 舟(122)

药品评价

免疫检查点抑制剂不良事件信号的挖掘与评价 肖洪益,陈 涛,刘 宇,袁拥华,张福军(128)
基于层次分析 - 加权逼近理想解排序法的维立西呱药物利用评价 吕芳君,陈露珠,周菊香,朱鹏程(135)

药学监护

中药临床药师参与中西医协同治疗实践 刘 静,王立玉,徐 熠,黄 瑾(139)
基于机器学习模型的哌拉西林钠他唑巴坦钠相关低钾血症风险预测
..... 吴爽爽,冯琴琴,孙钟慧,王全华,杨建婷,席宇菁,张 茜(143)

综 述

黄芩甲苷对神经系统的保护作用研究进展
..... 刘洪凤,刘 琦,霍楠楠,韩智学,李 旭,郑天翼,陈玥佟,崔长健(148)
中药复方预防与治疗核辐射损伤的效果及其作用机制研究进展 王 琛,宋 伟,郭 哲,雷 宁(152)



中国标准连续出版物号 ISSN 1006-4931
CN 50-1054/R

主管单位 中华人民共和国教育部
主办单位 西南大学
出版单位 《中国药业》编辑部
重庆市北碚区天生路2号 西南大学出版集团,400715
印刷单位 重庆市国丰印务有限责任公司
重庆市巴南区金竹工业园区金竹街36号,401320

国内发行 中国邮政集团公司重庆市分公司
重庆市渝中区嘉陵桥西村83号,400015
国外发行 中国国际图书贸易集团有限公司
北京市海淀区车公庄西路35号,100048
邮发代号 国内 78-130 国外 SM 5135
全国各地邮局(所)均可订阅
定 价 每册 10.00 元,全年 240 元
广告经营许可证号 (渝中市监)广登字(2020)第 002 号
开户银行 上海浦东发展银行股份有限公司重庆北碚支行
账 号 83230078801900001792

顾问 樊代明
主任委员 葛信勇
副主任委员 王 岳 文爱东 左笑丛 史录文 吕迁洲
张 安 张 蓉 张发钧 张伶俐 陆 涛
陈永生 陈地龙 邵 蓉 林能明 赵荣生
胡 欣 高 申 曹 力 蒋学华 缪丽燕
总 编 马 劲
主 编 刘 斌
执行主编 郭 澄 夏培元
副 主 编 王永庆 王婧雯 卞晓岚 刘 耀 刘茂柏
李晓宇 岑远明 邱 峰 何金汗 沈爱宗
张 陈 张 健 枉 前 罗 雷 金鹏飞
周本杰 赵志刚 胡幼红 贾运涛 钱 妍
黄 欣 黄景彬 赖伟华

(副主任委员、副主编署名以姓氏笔画为序)

电 话 023-86592565
在线投稿 <http://www.zhongguoyaoye023.com>

声 明

1. 本刊刊登文章不代表本刊观点,版权归《中国药业》杂志所有。未经授权,其他任何机构、个人不得转载、摘编。
2. 本刊被中国知网、万方数据、维普资讯等数据库和本刊网站全文收录,作者稿酬包括上述数据库和网站的使用报酬。若作者不同意收录,请在来稿时声明,以便妥善处理。
3. 本刊稿酬有现金和转赠《中国药业》2种支付方式,投稿本刊即视为同意本刊稿酬支付标准和支付方式。需现金支付稿酬的作者,请务必在投稿时声明或在论文刊发前来电来函告知。若无特殊声明,论文发表3个月内,本刊将据其稿酬金额自动转赠《中国药业》杂志。

China Pharmaceuticals

August 20, 2026 Volume 35 – Number 16

Contents

◆ Monograph on Pharmaceutical Industry

- Practice and Hotspot Analysis of Oncology Pharmacy Popular Science Creation in the New Era
..... Zhong Luhua, Zhang Yunhui, Chen Haoyun, Huang Huanjun, Yang Jiali, Shi Feng,
Chen Zhuojia, Huang Hongbing, Liang Weiting(1)

◆ Pharmaceutical Administration

- Comparative Analysis of Regulatory Systems for New Plant – Based Raw Materials in Cosmetics at Home and Abroad Zou Yanlin, Chen Jiansheng, Liu Pengcheng, Liang Yi(5)
- Research on Professionalism and Professional Ability of Drug Inspectors Based on the Iceberg Model
..... Chen Jing, Wang Jun, Liu Junhong, Zhang Qianting, Jiang Chengju(11)
- Establishment of a Pharmaceutical Service Guarantee System for Botulinum Antitoxin in Medical Institutions He Jieli, Li Shihua, Zhuo Yubo, Wang Nansong, Wang Yanli(14)
- Application of Vaporized Hydrogen Peroxide Technology in Isolator Sterilization and Key Inspection Points..... Ma Yansong, Kong Qingbin, Li Yan, Kang Ying, Dong Fang(19)
- Construction and Practice of an Information – Based Closed – Loop Management System for Narcotic and Psychotropic Drugs Guo Xiaolan, Li Wei, Ni Bei, Hou Xiangmei, Dai Xuhe(24)
- Effect Evaluation of the FOCUS – PDCA Model on Improving the Insoluble Particles Compliance Rate of PIVAS Drugs in a Hospital Baheti·Wulazibieke, Zhang Xuerui, Zhao Xin, Song Han(30)
- Survey on the Implementation Status of Clinical Pharmaceutical Care in Medical Institutions in Yibin Under the Compact County – Level Medical Community
..... Zhang Lei, Chen Kai, Kang Xuedong, Jing Chunyan, Chen Cheng, Chen Qian(36)
- Analysis and Enlightenment of Administrative Penalty Cases for Illegal Drugs in Retail Pharmacies in 2024 Li Haijian, Hu Yongxin, Cao Linlin, Liu Wei(41)
- Clinical Application and Rationality Analysis of Programmed Death Receptor – 1 Inhibitors in a Hospital
..... Shao Jiajia, Xiong Feijun, Wu Hao, Li Xiaoyan, Yao Hui(46)

◆ Pharmacy Articles

- Vasodilatation Effect of Total Phenols from *Gastrodia Elata* on Isolated Rat Mesenteric Artery Rings
..... Zhuo Liumeng, Zhao Qian, Xia Shuangli, Song Bo, Dai Rong(50)
- Optimization of Forming Process for *Paederia Scandens* Suppository
..... Liu Caixia, Zhao Yilin, Sun Zhenzhen, Sun Nini, Du Chenhui, Li Zhipeng, Pei Xiangping(55)
- Effect of Etomidate on Oxidative Stress in Cerebral Ischemia – Reperfusion in Rats via Regulating the Nrf2 / HO – 1 / NQO1 Signaling Pathway
..... Yang Zhengxiong, Zhang Shiyong, Lu Xiyu, Wang Yihua, Wu Ailing(60)
- Network Pharmacology and Transcriptomics Study on the Mechanism of Coicis Semen in the Treatment of Sarcoma Wang Liyuan, Wang Shutong, Yang Qi, Yang Jun(66)
- Quality Evaluation of Polygoni Multiflori Radix Praeparata Decoction Pieces from Different Distribution Channels
..... Lai Fei'e, Qin Yongjie, Li Tingting, Chen Yanqing, Qin Qianhan, Jiang Yuan, Liu Xihua, Zhao Yingxue(76)

◆ Inspection and Test

- Investigation on the Application of Refractometry for Mass Fraction Analysis of 0.9% Sodium Chloride Injection Qiao Xiaofang, Ma Xiaoning, Jiang Furong(84)
- Study on the Quality Standard Improvement of Ershiyiwei Lüronghao Concentrated Pills
..... Xiao Zhiyong, Long Jintao, Wu Yexin, Li Kang, Ye Bengui, Huang Qun, Nie Lijuan(88)
- Study on the Quality Standard of Qushi Jianfei Paste
..... Wang Wanru, Wei Yanan, Liu Shanshan, Zhang Xuejing, Cheng Jiangxue, Zhai Bingtao, Guo Dongyan(95)
- Simultaneous Determination of 11 Ingredients in Longdan Pills by HPLC
..... Wang Haiqin, Han Ruisi, Luo Qian, Xie Yanhua, Wang Siwang, Xiao Huimin(100)
- Study on the Quality Standard of Qiwei Huatan Granules
..... Li Ting, Hou Xiaoli, Liu Jie, Zhu Qiuzhen, Liu Juan, Shi Kourong(104)

Establishment of HPLC Fingerprint and Chemometric Analysis of Xiangshao Granules

..... Chen Xueyi, Li Junqiang (108)

◆ **Clinical Research**

Clinical Observation of Dapagliflozin Adjuvant to Recombinant Human Brain Natriuretic Peptide in the Treatment of Atrial Fibrillation – Induced Cardiomyopathy

..... Xie Wei, Luo Yu, Wang Rui, Tan Juan (114)

Study on Influencing Factors of Voriconazole – Induced Adverse Reactions in Elderly Patients

..... Li Ge, Qian Lei, Wei Can, Fang Ling (118)

Efficacy Observation of CO₂ Laser Sequential Interferon Combined with ALA – PDT in the Treatment of Perianal Condyloma Acuminatum with AIDS

..... Luo Wen, Liu Zhou (122)

◆ **Drug Evaluation**

Mining and Evaluation of Adverse Event Signals for Immune Checkpoint Inhibitors

..... Xiao Hongyi, Chen Tao, Liu Yu, Yuan Yonghua, Zhang Fujun (128)

Drug Utilization Evaluation of Vericiguat Based on Analytic Hierarchy Process – Weighted Technique for Order Preference by Similarity to Ideal Solution

..... Lü Fangjun, Chen Luzhu, Zhou Juxiang, Zhu Pengcheng (135)

◆ **Pharmaceutical Care**

Practice of Traditional Chinese Medicine Clinical Pharmacists Participating in Collaborative Treatment of Traditional Chinese and Western Medicine

..... Liu Jing, Wang Liyu, Xu Yi, Huang Jin (139)

Risk Prediction of Piperacillin Sodium and Tazobactam Sodium – Related Hypokalemia Based on Machine Learning Models

..... Wu Shuangshuang, Feng Qinqin, Sun Zhonghui, Wang Quanhua, Yang Jianting, Xi Yujing, Zhang Qian (143)

◆ **Review**

Research Progress on the Neuroprotective Effects of Astragaloside IV

..... Liu Hongfeng, Liu Qi, Huo Nannan, Han Zhixue, Li Xu, Zheng Tianyi, Chen Yuetong, Cui Changjian (148)

Research Progress on the Effects and Mechanisms of Chinese Herbal Compound Formula in the Prevention and Treatment of Nuclear Radiation Injury

..... Wang Chen, Song Wei, Guo Zhe, Lei Ning (152)



China Standard Serial Numbering ISSN 1006-4931
CN 50-1054/R

Directed by Ministry of Education of the People's Republic of China

Sponsored by Southwest University

Edited & Published by Editorial Department of *China Pharmaceuticals*
Southwest University Publishing Group, No. 2 Tiansheng
Road, Beibei Dist., Chongqing 400715, China

Printed by Chongqing Guofeng Printing Co., Ltd.
No. 36, Jinzhu St., Jinzhu Industrial Park, Banan Dist., Chongqing 401320, China

Domestic Distributor

Chongqing Branch of China Post Group
No. 83, West Village of Jialingqiao, Yuzhong Dist., Chongqing 400015, China

Overseas Distributor

China International Book Trading Corporation
No. 35, West Road of Chegongzhuang, Haidian Dist., Beijing 100048, China

Domestic Code No. 78 - 130 Overseas Code No. SM 5135

Price ¥ 10.00 for each book, ¥ 240 for whole year

Bank of Deposit

Shanghai Pudong Development Bank Co., Ltd. Chongqing Beibei Sub - Branch

Account Number 83230078801900001792

Consultants Fan Daiming

Director of the Editorial Board Ge Xinyong

Deputy Directors of the Editorial Board

Wang Yue	Wen Aidong	Zuo Xiaocong
Shi Luwen	Lyu Qianzhou	Zhang An
Zhang Rong	Zhang Fajun	Zhang Lingli
Lu Tao	Chen Wansheng	Chen Dilong
Shao Rong	Lin Nengming	Zhao Rongsheng
Hu Xin	Gao Shen	Cao Li
Jiang Xuehua	Miao Liyan	

General Editor Ma Jin

Editor – in – Chief Liu Bin

Executive Editors – in – Chief

Guo Cheng Xia Peiyuan

Deputy Editors – in – Chief

Wang Yongqing	Wang Jingwen	Bian Xiaolan
Liu Yao	Liu Maobai	Li Xiaoyu
Cen Yuanming	Qiu Feng	He Jinhan
Shen Aizong	Zhang Chen	Zhang Jian
Wang Qian	Luo Lei	Jin Pengfei
Zhou Benjie	Zhao Zhigang	Hu Youhong
Jia Yuntao	Qian Yan	Huang Xin
Huang Jingbin	Lai Weihua	

Tel 023 – 86592565

Web <http://www.zhongguoyaoye023.com>

Executive Editor Li Yujie

Executive Proofreader Zhang Jing

English Editor Sheng Wei