

中国病原生物学杂志(中英文)

ZHONGGUO BINGYUAN SHENGWUXUE ZAZHI

月刊 2006 年 1 月创刊

第 20 卷第 1 期(总第 217 期)

2025 年 1 月 30 日出版

主 管

国家疾病预防控制局

主 办

中华预防医学会

100062,北京市东城区广渠门内大街 47 号楼雍贵中心 A 座 8 层

山东省寄生虫病防治研究所

272033,山东省济宁市太白楼中路 11 号

编 辑

中国病原生物学杂志编辑委员会
272033,山东省济宁市太白楼中路 11 号

主 编

庄 辉

编辑部主任

王利磊

出 版

《中国病原生物学杂志》编辑部
272033,山东省济宁市太白楼中路 11 号
电 话: 0537-2342934
E-mail: cjbz@vip.163.com
byswx@vip.163.com
http://www.CJPB.org.cn

印 刷

济宁市火炬印务有限公司

发 行

国内: 山东省济宁市报刊发行局
国外: 中国国际图书贸易总公司

订 购

全国各地邮政局
邮发代号: 24-81

邮 购

《中国病原生物学杂志》编辑部
山东省济宁市太白楼中路 11 号
邮 编: 272033
电 话: 0537-2342934

定 价

每期 25.00 元, 全年 300.00 元

中国标准连续出版物号

ISSN 1673-5234
CN 11-5457/R

本刊刊出的所有文章不代表中华预防医学会和本刊编委会的观点,除非特别声明。

本刊如有印装质量问题,请向本刊编辑部调换。

目 次

论 著

- 内酯型槐糖脂对白色念珠菌生长和生物膜形成的影响及机制研究 江梅 马晓静 张慧敏等(1)
多房棘球蚴 Calpain A 基因克隆、表达及其多克隆抗体制备 李慧敏 张少华 张月玥等(8)
鼠伤寒沙门菌诱导巨噬细胞 RAW264.7 铜死亡机制研究 李丽 袁西露 程龙云等(14)
饮食干预对肿瘤患者放疗期间胃肠道毒性和肠道菌群的关联研究 周婵 郝丽琼 文成玉等(19)
血清 YKL-40、SOCS3 对非小细胞肺癌术后细菌性肺部感染的诊断价值 邢静 黄志伟(25)
血清 CD71、ACTA 水平对老年 COPD 合并肺部感染早期诊断价值研究 王一凡 肖卫(29)
布鲁氏菌分泌蛋白 BspC 的生物信息学分析、多克隆抗体制备及互作蛋白筛选 印双红 刘虹燕 邓肖玉等(34)
老年脑梗死患者肠道细菌分布与认知功能的相关性研究 张培华 赵森 梁莉莉等(41)
基于宏基因组学与呼气末二氧化碳监测的重症肺炎研究 凌萍 周麟永 陈烨等(46)
患儿抗菌耐药预测模型构建 孙晓旭 董玉琼 赵永旺等(52)
肺炎支原体耐药性与 23S rRNA 耐药基因位点突变角膜缘干细胞移植对真菌性角膜溃疡的疗效及其对微生物组的影响 王兵 耿若君 付珂等(57)
肝棘球蚴感染与肝外胆管癌类器官生态微环境的相关性高通量测序分析 于志清 赵斌 李培武(64)
医院血流感染病原菌分布构成及 MALDI-TOF MS 在快速鉴定病原菌中的价值分析 肖钢 刘沫然(71)

临床研究

- 行血液透析糖尿病肾病患者合并感染临床特点及肺炎克雷伯菌的耐药性分析 李静 王宪娟 何昆等(77)
儿童急性淋巴细胞白血病合并侵袭性真菌感染临床特点及疗效分析 任蓉 赵子年 张晴(81)

- 神经外科患者术后感染病原菌特征及危险因素分析 时丽娜 魏志玄 张小燕(86)

老年腰椎骨折术后深部切口感染病原菌耐药性及危险因素分析 朱乘春 冯大雄 杨启远等(90)

过敏性紫癜患儿合并肺炎支原体感染临床特征分析 孙 俭 李付奎 杨 乐等(95)

血清 HBD-3、LRG1 对子宫肌瘤微创术后泌尿系感染的诊断价值 翟 娜 刘 阳 刘 杰(100)

老年帕金森患者合并肺部感染病原菌分布特点及炎性因子水平变化 李秀娟 陈 可(105)

呼吸内科院内感染病原菌分布情况及抗菌药物预防使用合理性分析 郑 淳 何凌云(110)

急性肾损伤患者医院获得性感染病原菌分布特点与危险因素分析 朱晓光(115)

综述

- 现代病原微生物技术发展中的生物安全法律规制问题研究 霍柯言 王 瑶 李文一(120)
新型冠状病毒感染相关心肌炎的研究进展 车媛媛 李 博 盛 敏(124)
生殖支原体感染与女性泌尿生殖道疾病相关性研究进展 林 艳 马 微 吕金凤(128)

期刊基本参数 CN11-5457/R * 2006 * m * A4 * 96 * zh+en * P * ¥25.00 * 1000 * 25 * 2025-01

本期责任编辑 王利磊

JOURNAL OF PATHOGEN BIOLOGY

Monthly

Established in January 2006

Volume 20, Number 1

30 Jan. 2025

Responsible Institution

National Disease Control and Prevention Administration

Sponsor

China Preventive Medicine Association
Shandong Institute of Parasitic Diseases

Editing

Editorial Board of Journal of Pathogen Biology
No. 11 Taibailou Zhonglu, Jining,
Shandong 272033, P. R. of China
Tel: +86 537 2342934
E-mail: cjp@vip.163.com
byswx@vip.163.com
http://www.CJPB.org.cn

Editor-in-Chief

ZHUANG Hui

Managing Director

WANG Li-lei

Publishing

Publishing House of Journal of Pathogen Biology
Published monthly on the 30th of every month

Printing

Jining Huoju Books and Magazine Printing Center

Subscriptions

Domestic: Local Post Office
Foreign: China International Book Trading Corporation
P. O. Box 399, Beijing, China

Mail-Order

Editorial Office of Journal of Pathogen Biology
No. 11 Taibailou Zhonglu, Jining,
Shandong 272033, P. R. of China
Tel: +86 537 2342934

CSSN

ISSN 1673-5234
CN 11-5457/R

CONTENTS

ORIGINAL ARTICLES

- Study on the effects and mechanisms of lactonic sophorolipid on the growth and biofilm formation of *Candida albicans***
..... JIANG Mei, MA Xiaojing, ZHANG Huimin, et al(1)
- Cloning, prokaryotic expression and preparation of polyclonal antibody of Calpain A gene of *Echinococcus multilocularis***
..... LI Huimin, ZHANG Shaohua, ZHANG Yueyue, et al(8)
- Salmonella typhimurium* invades macrophages RAW264.7 and induces Cuproptosis in cells**
..... LI Li, YUAN Xilu, CHENG Longyun, et al(14)
- Diet intervention and its association with gastrointestinal toxicity and gut microbiota in cancer patients during radiotherapy**
..... ZHOU Chan, HAO Liqiong, WEN Chengyu, et al(19)
- The diagnostic value of serum YKL-40 and SOCS3 for postoperative bacterial lung infection in non-small cell lung cancer patients**
..... XING Jing, HUANG Zhiwei(25)
- The early diagnostic value of serum CD71 and ACTA levels for elderly COPD complicated with pulmonary infection**
..... WANG Yifan, XIAO Wei(29)
- Bioinformatics analysis of *Brucella* secretory protein BspC, preparation of polyclonal antibody and screening of interacting protein**
..... YIN Shuanghong, LIU Hongyan, DENG Xiaoyu, et al(34)
- Study on the correlation between intestinal bacterial distribution and cognitive function in elderly patients with cerebral infarction**
..... ZHANG Peihua, ZHAO Miao, LIANG Lili, et al(41)
- Development of a multidimensional predictive model for antimicrobial resistance in severe pneumonia in mechanically ventilated children based on metagenomics and end-tidal carbon dioxide monitoring**
..... LING Ping, ZHOU Linyong, CHEN Ye, et al(46)
- Study on drug resistance of *Mycoplasma pneumoniae* and mutation of drug resistance gene locus in 23S rRNA**
..... SUN Xiaoxu, DONG Yuqiong, ZHAO Yongwang, et al(52)
- Efficacy of corneal limbal stem cell transplantation in the treatment of fungal corneal ulcers and its effect on the microbiome**
..... WANG Bing, GENG Ruojun, FU Ke, et al(57)
- High-throughput sequencing analyses of the correlation between hepatic echinococcosis infection and the ecological microenvironment of extrahepatic cholangiocarcinoma-like organs**
..... YU Zhiqing, ZHAO Bin, LI Peiwu(64)

**Distribution and composition of pathogenic bacteria causing bloodstream infections in a hospital
and analysis of the value of MALDI-TOF MS in rapid identification of pathogenic bacteria**
..... XIAO Yin , LIU Moran(71)

CLINICAL STUDY

- Study on the clinical characteristics of infection in diabetic nephropathy patients undergoing
hemodialysis and the drug resistance of *Klebsiella pneumoniae***
..... LI Jing , WANG Xianjuan , HE Kun(77)
- Clinical characteristics and efficacy analysis of childhood acute lymphoblastic leukemia
complicated with invasive fungal infection** REN Rong , ZHAO Zinian , ZHANG Qing(81)
- Pathogenic biological characteristics and risk factor analysis of postoperative infections in neurosurgery**
..... SHI Lina , WEI Zhixuan , ZHANG Xiaoyan(86)
- Drug resistance of pathogenic bacteria and independent risk factors of deep incision infection
in elderly patients after lumbar fracture surgery** ZHU Chengchun , FENG Daxiong , YANG Qiyuan , et al(90)
- Analysis of clinical characteristics of children with allergic purpura complicated with
Mycoplasma pneumoniae infection** SUN Jian , LI Fukui , YANG Le , et al(95)
- The diagnostic value of serum HBD-3 and LRG1 for urinary tract infections after minimally
invasive surgery for uterine fibroids** ZHAI Na , LIU Yang , LIU Jie(100)
- Analysis of the distribution characteristics of pathogenic bacteria and changes in inflammatory
factor levels in elderly patients with Parkinson's disease complicated with pulmonary infection**
..... LI Xiujuan , CHEN Ke(105)
- Distribution of pathogenic bacteria in nosocomial infections in the department of respiratory
medicine and analysis of the rationality of preventive use of antibacterial drugs**
..... ZHENG Chun , HE Lingyun(110)
- Analysis of pathogen distribution characteristics and risk factors of hospital-acquired infections
in patients with acute kidney injury** ZHU Xiaoguang(115)

REVIEWS

- Research on legal regulations of biosafety in the development of modern pathogenic microorganism technology**
..... HUO Keyan , WANG Yao , LI Wenyi(120)
- Research progress on myocarditis associated with SARS-CoV-2 infection**
..... CHE Yuanyuan , LI Bo , SHENG Min(124)
- Research progress on the correlation between *Mycoplasma genitalium* infection and female
urogenital tract diseases** LIN Yan , MA Wei , LV Jinfeng(128)