

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 6 期(总第 222 期)

2025 年 6 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》社
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

- 细粒棘球绦虫原头蚴外泌体对巨噬细胞 M2 极化调节作用研究 李佳峻 周璇 王亮等 (691)
基于 SOCS3/JAK2/STAT3 通路探讨丙泊酚对脊髓损伤大鼠神经修复和肠道菌群的作用研究 修振华 刘莹 (696)
绝经前后女性细菌性阴道炎菌群和激素水平的比较研究 惠月红 顾燕芳 顾劲松等 (703)
特应性皮炎患者微生物组失调与代谢组异常之间的相互作用及其对免疫调控的影响 方宇辉 王馨依 李坤鹏等 (708)
幽门螺旋杆菌感染密度与抗生素耐药性对消化性溃疡患者病原菌根除效果的影响研究 贺励梁娟 祝歆 曹煜 (715)
冠心病患者肠道菌群变化与多模态神经影像学的关联分析 黄红芳 雷毅武 曾冠珍等 (719)
多重 PCR 检测与传统培养在骨关节感染诊断中的比较研究 陈善斌 封硕林 王穗源等 (724)
2 型糖尿病肾病患者阴虚证与阳虚证肠道菌群差异性研究 刘素荣 张金艳 张新颖等 (729)
细菌性肺炎患儿血清 LCN2、ANGPTL4、FKN 表达与肺损伤程度及预后的关系 唐熔 葛晓风 倪佳等 (734)
早期胃癌患者经内镜黏膜下剥离术后并发症的相关危险因素及临床病理分析 康华丽 王宁 刘俊玲等 (739)
缺血性脑卒中合并肺部感染病原学特点及替罗非班对血小板功能的影响 刘亚林 孟文娟 袁莹等 (744)
- 调查研究**
- 小儿支原体感染的危险因素分析及个性化护理干预的效果研究 杨晓 杨林 闫晓雪 (749)
糖尿病患者口腔颌面部间隙感染临床特征及病原学研究 高婷婷 束传亮 黄艳等 (754)
一起学校诺如病毒感染性腹泻流行病学及健康教育效果分析 何志晶 王志中 (759)

- 老年糖尿病患者并发肺炎链球菌感染的风险因素及护理干预策略 张 韶 张培华 张 玉(763)
2019-2023 年潍坊市人间布鲁氏菌病时空分布特征分析 于绍起 范俊杰(768)

临床研究

- 新生儿早期肠道菌群定植情况及其影响因素分析 秦 楠 赵舒含(773)

女性生殖道沙眼衣原体、解脲脲支原体感染特征及耐药性分析 何亚飞 张瑞敏 李杰英等(777)

高危型人乳头瘤病毒感染患者阴道菌群分布特点分析 杜 娟 王 翰 刘晓丽等(781)

乙型病毒性肝炎患者院内感染临床特征及危险因素分析 李鹏程 黄友锋 卓义理等(786)

血清 HNL、AMH 与细菌性阴道炎孕妇发生早产的关系 盛丽男 邢丽君(791)

手术室内常见致病菌的分布特点及其对手术后感染的危险因素分析 宋静静 王晓娟 梁 娇等(795)

急危重症患者呼吸机相关感染病原菌分布特征及集束化护理效果观察 田玉华 黄彩云 强 莉等(800)

综述

- 高校结核分枝杆菌潜伏感染及预防性治疗研究进展 李娟 申博 何天一(805)
依托现代教学技术通过病原生物学实验提高学生生物安全意识创新研究 崔沫 李贞 杨旭园等(809)
顶复门原虫细胞外囊泡的研究进展 吴燕 楚越涵 李瑾等(813)
白内障术后感染性眼内炎临床特征及预防措施研究进展 张均媛 李臻 吴航(818)

教学与探讨

- 基于 5S 管理下联合 TBL 教学法在病原生物学与免疫学教学中的实践分析 唐小标 唐满华 潘豆豆等(821)
融合传统文化与现代健康教育理念提升高校艾滋病防控意识的研究 王晓莉 张守民 张顺清等(826)

期刊基本参数 CN11-5457/R * 2006 * m * A4 * 96 * zh+en * P * ¥25.00 * 1000 * 29 * 2025-06

本期责任编辑 王利磊

JOURNAL OF PATHOGEN BIOLOGY

Monthly

Established in January 2006

Volume 20, Number 6

30 Jun. 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

ISSN

ISSN 1673-5234
CN 11-5457/R

CONTENTS

ORIGINAL ARTICLES

- Study on the change of macrophage polarization ratio in *Echinococcus granulosus* exosomes LI Jiajun, ZHOU Xuan, WANG Liang, et al(691)
- Exploring the effects of propofol on neural repair and gut microbiota in rats with spinal cord injury based on the SOCS3/JAK2/STAT3 pathway XIU Zhenhua, LIU Ying(696)
- A comparative study on bacterial vaginosis flora and hormone levels in pre- and postmenopausal women HUI Yuehong, GU Yanfang, GU Jinsong, et al(703)
- Interactions between microbiome dysbiosis and metabolome abnormalities in patients with atopic dermatitis and their effects on immune regulation FANG Yuhui, WANG Xinyi, LI Kunpeng, et al(708)
- Effect of *Helicobacter pylori* infection density and antibiotic resistance on the eradication of pathogenic bacteria in patients with peptic ulcer HELI Liangjuan, ZHU Xin, CAO Yu(715)
- Correlation analysis of intestinal flora changes and multimodal neuroimaging in patients with coronary heart disease HUANG Hongfang, LEI Yiwu, ZENG Guanzhen, et al(719)
- Comparison of multiplex PCR detection and conventional culture in the diagnosis of bone and joint infections CHEN Shanbin, FENG Shuolin, WANG Suiyuan, et al(724)
- Comparative study on gut microbiota differences between yin deficiency syndrome and yang deficiency syndrome in patients with Type 2 diabetic kidney disease LIU Surong, ZHANG Jinyan, ZHANG Xinying, et al(729)
- The relationship between serum LCN2, ANGPTL4, FKN expression with lung injury severity and prognosis in children with bacterial pneumonia TANG Rong, GE Xiaofeng, NI Jia, et al(734)
- Analysis of related risk factors and clinicopathological features for complications and infections in patients with early gastric cancer after endoscopic submucosal dissection KANG Huali, WANG Ning, LIU Junling, et al(739)
- Etiological characteristics of pulmonary infection in patients with ischemic stroke and the impact of tirofiban on platelet function LIU Yalin, MENG Wenjuan, YUAN Ying, et al(744)

INVESTIGATION STUDY

- Analysis of risk factors and effectiveness of personalized nursing interventions in pediatric mycoplasma infection YANG Xiao, YANG Lin, YAN Xiaoxue(749)

Clinical characteristics and etiological study of oral and maxillofacial space infections in diabetic patients	GAO Tingting , SHU Chuanliang , HUANG Yan , et al(754)
Analysis on the epidemiology of norovirus infectious diarrhea in a school and the effect of health education	HE Zhijing , WANG Zhizhong(759)
Risk factors and nursing intervention strategies for <i>Streptococcus pneumoniae</i> infection in elderly diabetic patients	ZHANG Wei , ZHANG Peihua , ZHANG Yu(763)
Analysis of the spatio-temporal distribution characteristics of human brucellosis in Weifang from 2019 to 2023	YU Shaoqi , FAN Junjie(768)

CLINICAL STUDY

Analysis of early colonization of intestinal microbiota in newborns at a certain hospital and its influencing factors	QIN Nan , ZHAO Shuhan(773)
Analysis on the infection characteristics and drug resistance of <i>Chlamydia trachomatis</i> and <i>Ureaplasma urealyticum</i> in the female reproductive tract	HE Yafei , ZHANG Ruimin , LI Jieying , et al(777)
Analysis on the distribution characteristics of vaginal flora in patients with high-risk human papillomavirus infection	DU Juan , WANG Han , LIU Xiaoli , et al(781)
Analysis of the clinical characteristics and risk factors of nosocomial infections in patients with hepatitis B virus	LI Pengcheng , HUANG Youfeng , ZHUO Yili , et al(786)
The relationship between serum HNL, AMH and premature birth in pregnant women with bacterial vaginitis	SHENG Linan , XING Lijun(791)
Distribution characteristics of common pathogenic bacteria in the operating room and analysis of risk factors for postoperative infections	SONG Jingjing , WANG Xiaojuan , LIANG Jiao , et al(795)
Distribution characteristics of pathogenic bacteria in ventilator-associated infection complications of critically ill patients and observation on the effect of cluster nursing prevention	TIAN Yuhua , HUANG Caiyun , QIANG Li , et al(800)

REVIEWS

Research progress on latent infection of <i>Mycobacterium tuberculosis</i> and preventive treatment in colleges and universities	LI Juan , SHEN Bo , HE Tianyi(805)
Innovative research on improving students' biosafety awareness through Pathogenic Biology experiments relying on modern teaching technologies	CUI Mu , LI Zhen , YANG Xuyuan , et al(809)
Research progress of extracellular vesicles of Apicomplexa	WU Yan , CHU Yuehan , LI Jin , et al(813)
Research progress on the clinical characteristics and preventive measures of post-cataract surgery infectious endophthalmitis	ZHANG Junyuan , LI Zhen , WU Hang(818)

TEACHING AND PROBE

Based on the practice analysis of combined TBL teaching method in the teaching of pathogenic biology and immunology under 5S management	TANG Xiaobiao , TANG Manhua , PAN Doudou , et al(821)
Research on enhancing HIV/AIDS prevention awareness through the integration of traditional culture and modern health education concepts	WANG Xiaoli , ZHANG Shoumin , ZHANG Shunqing , et al(826)