

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 5 期(总第 221 期)

2025 年 5 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: cjb@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

- 新型发热伴血小板减少综合征病毒 mRNA 疫苗的免疫原性研究 吴鑫宇 钱华 王亚南等(551)
LINC00339 调控 miR-214-3p 对 HPV16 阳性宫颈癌细胞增殖、迁移及侵袭的影响 曾彬彬 卢丹 商潇予等(557)
支气管扩张/肺癌合并慢性阻塞性肺病患者肺泡灌洗液微生物群及肺功能比较分析 李蔚 安兴 伍灿(563)
幽门螺杆菌形态与胃炎患者胃病理组织学特征的相关性分析 胡孝霞 王雅雅 李玲等(569)
肠道微生物组与冠心病发病机制的关联研究:
微生物-心血管轴探索 马旭阁 李世勋 韩红强(573)
逍遥散干预对女童特发性性早熟疗效及对雌激素受体 1(ESR1)信号通路的影响 屠倩倩 王静 孙建华(577)
茵陈总黄酮改善非酒精性脂肪肝病小鼠肝损伤的机制研究 刘扬 张中华 张喜华等(582)
基于两阶段模型探究平均温度和相对湿度与广西恙虫病的暴露滞后反应关系研究 倪志松 李树芬 席睿等(587)
食管癌放化疗期间肺部感染病原菌分布及风险预测模型研究 饶井芬 李富博 肇爽等(592)
带状疱疹相关神经痛患者的心理状态与病毒负荷评估及其与疼痛感知的相关性研究 王亚 陈国强 孙辉等(597)

调查研究

- 重型颅脑损伤术后颅内感染、病原菌分布及其危险因素调查 肖玉平 孙际典 史今盛等(602)
口腔颌面部间隙感染临床特征及病原学特征分析 万超 张方 房欢欢等(606)
85 例难治性肺炎支原体肺炎患者医院感染的病原菌分布及危险因素调查 许丽君 王雅鑫 王超等(610)

临床研究

- 住院患者耐甲氧西林金黄色葡萄球菌感染及耐药分析 杜杰 吴琳 王忠(614)

冠心病合并2型糖尿病患者院内感染的病原学研究 贾静涛 石小霞 李杰等(619)

胎膜早破合并宫内感染病原菌分布特点及危险因素分析 常倩 刘召防 滕玉翠等(623)

乙肝肝硬化患者伴发细菌性腹膜炎的病原菌分布特点及其耐药性与危险因素分析 李圆圆 田慧 和振坤(628)

慢性肾衰竭腹膜透析患者发生腹膜炎的病原菌特征及危险因素分析 王明铭 刘静 鲁华(633)

非小细胞肺癌病例术后呼吸道感染病原微生物分布及耐药性分析 叶晨劼 吴智明 王包晟等(638)

老年患者髋部骨折术后并发多重耐药菌感染特征分析 张金锋 秦军丽 梁成等(642)

炎症性肠病患者重点肠道菌群特征及危险因素分析 何武 曹斌 张家友(647)

妇科恶性肿瘤术后盆腔感染的病原菌分布及耐药性分析 张春晓 蔡惠娟(651)

CHD合并心衰患者肺部感染的发生率、病原菌分布特征及影响因素分析 田现伟 张学平 李医博等(656)

综述

- 代谢性疾病的表观转录组学研究 曹姝贤 刘冬 遂素梅(661)

老年肺癌患者合并肺部真菌感染危险因素及诊疗研究进展 唐坤 冯磊(666)

脊柱感染性疾病的诊治进展 王飞 张双明 胡建锋等(670)

肠道菌群在脊髓损伤后神经功能损害中的研究进展 房星辰 王宇红(674)

肺炎链球菌的免疫预防现状 李文桂 陈雅棠(677)

ESRP1 在乳腺癌恶性进展中的作用研究进展 王心怡 宋淑萍 黄建迪等(683)

教学与探讨

- 以临床思维为导向的口腔医学专业病原生物学教学改革探索与研究 张 敏 郭胜斌(687)

Digitized by srujanika@gmail.com

期刊基本参数 CN11-5457/R * 2006 * m * A4 * 96 * zh+en * P * ¥25.00 * 1000 * 30 * 2025-05

本期责任编辑 王利磊

JOURNAL OF PATHOGEN BIOLOGY

Monthly

Established in January 2006

Volume 20, Number 5

30 May 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

- Immunogenicity study of an mRNA vaccine for the novel fever with thrombocytopenia syndrome virus WU Xinyu, QIAN Hua, WANG Yanan, et al (551)
- Impacts of LINC00339 on the proliferation, migration, and invasion of HPV16 positive cervical cancer cells by modulating miR-214-3p ZENG Binbin, LU Dan, SHANG Xiaoyu, et al (557)
- Comparison of bronchoalveolar lavage fluid microbiota and pulmonary function in patients with bronchiectasis/lung cancer complicated by COPD LI Wei, AN Xing, WU Can (563)
- Correlation analysis of *Helicobacter pylori* morphology with gastric pathological histological features in patients with gastritis HU Xiaoxia, WANG Yaya, LI Ling, et al (569)
- Association between the intestinal microbiome and the pathogenesis of coronary heart disease: Exploring the microbiome-cardiovascular axis MA Xuge, LI Shihun, HAN Hongqiang (573)
- Effect of Xiaoyao Powder on Idiopathic Precocious puberty in girls and its influence on estrogen receptor 1 (ESR1) signaling pathway TU Qianqian, WANG Jing, SUN Jianhua (577)
- Mechanism of Artemisia capillaris total flavonoids in ameliorating liver injury in non-alcoholic fatty liver disease mice LIU Yang, ZHANG Zhonghua, ZHANG Xihua, et al (582)
- Exploring the exposure-lag-response relationship between mean temperature, relative humidity and scrub typhus in Guangxi based on a two-stage model NI Zhisong, LI Shufen, XI Rui, et al (587)
- Study on pathogenic bacteria distribution and risk prediction model of pulmonary infection during radiotherapy and chemotherapy for esophageal cancer RAO Jingfen, LI Fubo, ZHAO Shuang, et al (592)
- Assessment of psychological state and viral load in postherpetic neuralgia patients and their correlation with pain perception WANG Ya, CHEN Guoqiang, SUN Hui, et al (597)

INVESTIGATION STUDY

- Analysis of postoperative intracranial infection, pathogen distribution, and risk factors in patients with severe traumatic brain injury XIAO Yuping, SUN Jidian, SHI Jinsheng, et al (602)
- Research on the clinical characteristics and etiological features of oral and maxillofacial space infections WAN Chao, ZHANG Fang, FANG Huanhuan, et al (606)
- Analysis of distribution of pathogenic bacteria and risk factors of nosocomial infection in 85 patients with refractory *Mycoplasma pneumoniae* pneumonia XU Lijun, WANG Yaxin, WANG Chao, et al (610)

CLINICAL STUDY

- Analysis of methicillin-resistant *Staphylococcus Aureus* infection and drug resistance in inpatients DU Jie, WU Lin, WANG Zhong, et al(614)
- Etiological study on nosocomial infection in patients with coronary heart disease complicated with type 2 diabetes mellitus JIA Jingtao, SHI Xiaoxia, LI Jie, et al(619)
- Analysis of the distribution characteristics of pathogenic bacteria and risk factors in premature rupture of fetal membranes complicated with intrauterine infection CHANG Qian, LIU Zhaofang, TENG Yucui, et al(623)
- Distribution and antibiotic resistance of pathogens in hepatitis B-related liver cirrhosis patients with spontaneous bacterial peritonitis and analysis of associated risk factors LI Yuanyuan, TIAN Hui, ZHEN Kun(628)
- Characteristics of pathogens and risk factors for peritonitis in patients with chronic renal failure undergoing peritoneal dialysis WANG Mingming, LIU Jing, LU Hua(633)
- Distribution of pathogenic microorganisms causing respiratory infections and analysis of antimicrobial resistance among non-small-cell lung cancer patients following surgery YE Shengjie, WU Zhiming, WANG Baosheng, et al(638)
- Analysis on the characteristics of multidrug-resistant bacteria infection after Hip fracture surgery in the elderly patients ZHANG Jinfeng, QIN Junli, LIANG Cheng, et al(642)
- Analysis of key gut microbiota characteristics and risk factors in patients with inflammatory bowel disease HE Wu, CAO Bin, ZHANG Jiayou(647)
- Analysis of the distribution of pathogenic bacteria and drug resistance of pelvic infection after gynecological malignant tumor surgery ZHANG Chunxiao, QI Huijuan(651)
- The incidence of pulmonary infection in CHD patients with heart failure, pathogenic bacteria distribution characteristics and influencing factors analysis TIAN Xianwei, ZHANG Xueping, LI Yibo, et al(656)

REVIEWS

- Epigenomic study of metabolic diseases CAO Shuxian, LIU Dong, LU Sumei(661)
- Risk factors and research progress in diagnosis and treatment of elderly lung cancer patients complicated with pulmonary fungal infection TANG Kun, FENG Lei(666)
- Advances in the diagnosis and treatment of spinal infectious diseases WANG Fei, ZHANG Shuangming, HU Jianfeng, et al(670)
- Research progress on gut microbiota in neurological dysfunction after spinal cord injury FANG Xingchen, WANG Yuhong(674)
- The status in the research of immunoprophylaxis of *Streptococcus pneumoniae* LI Wengui, CHEN Yatang(677)
- The role of ESRP1 in the development and progression of breast cancer WANG Xinyi, SONG Shuping, HUANG Jiandi, et al(683)

TEACHING AND PROBE

- Exploration and research on the teaching reform of Pathogen biology in stomatology specialty oriented by clinical thinking ZHANG Min, GUO Shengbin(687)