

中国病原生物学杂志

ZHONGGUO BINGYUAN SHENGWUXUE ZAZHI

月刊 2006年1月创刊

第19卷第12期(总第216期)(卷终)

2024年12月30日出版

主管

国家疾病预防控制中心

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: cjpb@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

- 结核分枝杆菌融合基因 *Rv0071/74* 编码蛋白的生物信息学分析与制备 杨玲玲 秦莲花 黄劲(1391)
- 急性心肌梗死合并慢阻肺伴肺部感染患者三维斑点追踪技术及血清因子评估价值分析 刘伟亮 陆海永 郑英娟等(1397)
- 宫颈癌患者血清 miR-410、miR-875 表达与 HPV 感染的相关性 曲书平 刘春君 梁菊华(1404)
- 1,25-二羟维生素 D(1,25-(OH)₂D) 和 CYP27A1 mRNA 表达与肺结核的相关性研究 田中秋 李慧 欧阳青(1408)
- 多房棘球绦虫 EM13 蛋白生物信息学分析及原核表达载体的构建 尚再玲 王明霞 乔飞等(1413)
- 子宫肌瘤患者临床指标与肠道菌群微生态变化的关系研究 王鹤 白曼 江帆等(1420)
- 雌激素水平下降对小鼠接种狂犬疫苗后的免疫作用影响 张军杰 钱华 田莉等(1425)
- 感染性心内膜炎病原微生物的基因组特征与心脏病变严重程度的关联研究 龚春梅 袁冰心 郭一博等(1431)
- 耐甲氧西林金黄色葡萄球菌耐药基因及消毒剂耐药相关基因研究 郑艳冰 崔邵彬 沙蕾(1437)
- 胸腔积液患者病原菌分布及胸水中 sTREM-1、Presepsin 水平对良恶性的诊断价值 刘秋霞 顾玉 龚志平等(1442)
- 铜绿假单胞菌的耐药性及毒力基因研究 任志芳 朱岩坤 梁会娟(1447)
- 老年肺炎患者的病原菌感染特征及细胞免疫功能研究 陈丽曼 刘文静 施虹等(1452)

调查研究

- 2023年山东省媒介蚊虫种群及按蚊密度监测结果分析 吕文祥 闫燕 卜灿灿等(1457)
- 胎膜早破合并羊膜腔感染危险因素调查 孙丽君 白媛媛 郭玲等(1460)
- 齐齐哈尔地区新型冠状病毒奥密克戎变异株感染患者流行病学特征分析 唐美玲 王欣平 徐春苗(1465)

重症口腔颌面部间隙感染病原菌分布及危险因素调查

..... 沈 锂 杨 晶 王伟峰等(1469)

临床研究

烧伤患者创面感染病原菌分布与多元危险因素回顾性研究

..... 刘淑岩 段雪敬 赵宇辉等(1474)

蒋氏潜阳镇惊汤降低老年晨峰高血压患者感染风险效果及病原菌分布分析

..... 王 舸 朱晓东 赵晓华等(1478)

前列腺癌术后尿路感染病原菌分布及耐药性分析

..... 崔寿喜 梁 斌(1483)

小儿心脏外科术后并发肺部感染细菌学分析

..... 吴亚楠 杨龙叶 李晓琴等(1487)

外科手术患者术后感染病原学特点及危险因素分析

..... 吴少林 刘 攀 李平根(1492)

神经重症监护室患者医院获得性肺炎病原菌耐药性特点及护理干预效果

..... 陈德勋 郝 乔 揣春阳(1496)

糖尿病肾病并发泌尿系统感染的病原菌分布特点及相关影响因素分析

..... 李艳红 邹慧兰 卢曰文等(1501)

胃癌组织中 miR-155-5p、miR-4286 表达与胃癌合并 Hp 感染患者

临床特征及其预后的关系 吕鹏飞 宋晓静 袁得峰等(1506)

针灸联合中药对急性上呼吸道感染患者症状及免疫功能的调节作用

..... 夏 征 高希言 李世永等(1511)

综 述

系统性红斑狼疮患者深部真菌感染危险因素及生物学指标研究进展

..... 邹国强 刘 英 王旭凤(1516)

蝎毒抗菌肽在病原微生物感染中的作用

..... 敖日格乐(1521)

铁代谢相关蛋白在昆虫抗药性中作用的研究进展

..... 秦浩然 赵梦冉 王 靖等(1525)

儿童耐碳青霉烯类肠杆菌感染治疗策略研究进展

..... 史霄雯 孙树雅 李永春(1529)

期刊基本参数 CN11-5457/R * 2006 * m * A4 * 96 * zh+en * P * ¥25.00 * 1000 * 29 * 2024-12

本期责任编辑 王利磊

JOURNAL OF PATHOGEN BIOLOGY

Monthly

Established in January 2006

Volume 19, Number 12

30 December 2024

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: cjpb@vip.163.com
byswx@vip.163.com
http://www.CJPB.org.cn

Editor-in-Chief

ZHUANG Hui

Managing Director

WANG Li-lei

Publishing

Editorial Board 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

Bioinformatics analysis and preparation of protein encoded by

Mycobacterium tuberculosis fusion gene Rv0071/74

..... YANG Lingling, QIN Lianhua, HUANG Jing (1391)

Evaluation value of 3D dot tracking technique and serum TNF- α ,

Ang-2 and CCL-21 in patients with AMI complicated with

COPD and pulmonary infection

..... LIU Weiliang, LU Haiyong, ZHENG Yingjuan, et al (1397)

Correlation between serum miR-410, miR-875 expression with

HPV infection in cervical cancer patients

..... QU Shuping, LIU Chunjun, LIANG Juhua (1404)

The Correlation Between 1,25-Dihydroxyvitamin D (1,25-(OH)₂D)

and CYP27A1 mRNA Expression with Pulmonary Tuberculosis

..... TIAN Zhongqiu, LI Hui, OUYANG Qing (1408)

Bioinformatics analysis of the *Echinococcus multilocularis* antigen

EM13 and construction of a prokaryotic expression vector

..... SHANG Zailing, WANG Mingxia, QIAO Fei, et al (1413)

The relationship between clinical indicators and gut microbiota

changes in patients with uterine fibroids

..... WANG He, BAI Man, JIANG Fan, et al (1420)

Estrogen deficiency affects the immune responses induced by

rabies vaccination

..... ZHANG Junjie, QIAN Hua, TIAN Li, et al (1425)

Study of the association between genomic characteristics of

microorganisms responsible for infective endocarditis

and the severity of cardiac lesions

..... GONG Chunmei, YUAN Bingxin, GUO Yibo, et al (1431)

Research on resistance genes of methicillin-resistant *Staphylococcus*

aureus and disinfectant resistance-related genes

..... ZHENG Yanbing, CUI Shaobin, SHA Lei (1437)

Distribution of pathogens in patients with pleural effusion and the

diagnostic value of sTREM-1 and Presepsin levels in pleural

effusion for benign and malignant pleural effusion

..... LIU Qiuxia, GU Yu, GONG Zhiping, et al (1442)

Study on drug resistance and virulence genes of *Pseudomonas aeruginosa*

..... REN Zhifang, ZHU Yankun, LIANG Huijuan (1447)

Study on the characteristics of pathogenic bacteria infection and

cellular immune function in elderly patients with pneumonia

..... CHEN Liman, LIU Wenjing, SHI Hong, et al (1452)

INVESTIGATION STUDY

- Analysis of surveillance results of vector mosquito population and *Anopheles* density
in Shandong Province in 2023 *LV Wenxiang, YAN Yan, BU Cancan, et al*(1457)
- Analysis of risk factors for premature rupture of membranes combined with amniotic cavity
infection *SUN Lijun, BAI Yuanyuan, GUO Ling, et al*(1460)
- Epidemiological characteristics of patients infected with the Omicron variant of SARS-CoV-2
in Qiqihar area *TANG Meiling, WANG Xinping, XU Chunmiao*(1465)
- Analysis of pathogenic bacteria distribution and risk factors of severe oral and maxillofacial space
infections *SHEN Li, YANG Jing, WANG Weifeng, et al*(1469)

CLINICAL STUDY

- Retrospective study on pathogenic bacteria distribution and multiple risk factors of wound infection
in burn patients *LIU Shuyan, DUAN Xuejing, ZHAO Yuhui, et al*(1474)
- Clinical effect of Jiang's Qianyang Zhenjing Decoction in reducing the infection risk of elderly patients
with morning peak hypertension and analysis of pathogen distribution
..... *WANG Ge, ZHU Xiaodong, ZHAO Xiaohua, et al*(1478)
- Distribution of pathogens causing urinary tract infections and antimicrobial resistance among prostate
cancer patients following surgical treatment *CUI Shouxi, LIANG Bin*(1483)
- Bacteriological analysis of pulmonary infection after pediatric cardiac surgery
..... *WU Yanan, YANG Longye, LI Xiaoqin, et al*(1487)
- Analysis of pathogenic characteristics and risk factors of postoperative infections in surgical patients
..... *WU Shaolin, LIU Pan, LI Pinggen*(1492)
- Characteristics of drug resistance of pathogens with hospital-acquired pneumonia in patients in the
intensive care unit of the neurology department and the role of nursing intervention in infection control
..... *CHEN Dexun, HAO Qiao, CHUAI Chunyang*(1496)
- The distribution characteristics of pathogenic bacteria and related factors of diabetic nephropathy
complicated with urinary system infection *LI Yanhong, ZOU Huilan, LU Yuewen, et al*(1501)
- The relationship between miR-155-5p and miR-4286 expression in gastric cancer tissue and clinical features
and prognosis of patients with gastric cancer complicated with *Hp* infection
..... *LV Pengfei, SONG Xiaojing, YUAN Defeng, et al*(1506)
- Regulatory effects of acupuncture combined with traditional Chinese medicine on symptoms and
immune function in patients with acute upper respiratory tract viral infection
..... *XIA Zheng, GAO Xiyan, LI Shiyong, et al*(1511)

REVIEWS

- Research progress on risk factors and biological indicators of deep fungal infection in patients
with systemic lupus erythematosus *ZOU Guoqiang, LIU Ying, WANG Xufeng*(1516)
- The role of scorpion venom antimicrobial peptides in pathogenic microorganism infections
..... *Aorigele*(1521)
- Research progress on the role of iron metabolism-related proteins in insect resistance to insecticides
..... *QIN Haoran, ZHAO Mengran, WANG Jing, et al*(1525)
- Research progress on treatment strategies for carbapenem-resistant Enterobacteriaceae infections
in children *SHI Xiaowen, SUN Shuya, LI Yongchun*(1529)