

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11期(总第215期)

2024年11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

抗大别班达病毒人源单克隆抗体 Fab 片段的噬菌体

展示文库构建 徐家馨 王静静 王琳等(1251)

妊娠晚期 B 族溶血性链球菌宫内感染患者血清

IL-1 β 和 IL-10 表达与阴道微生态及妊娠

结局的关系 巴特 刘飞飞 宋娇(1255)

肠道微生物组变化对心力衰竭患者临床预后的

影响研究 刘婷婷 刘丕弘 彭彩亮等(1260)

艰难梭菌 CysE 和 CysK 蛋白的克隆、表达与

生物信息学分析 古文鹏 贾森泉 周永明等(1266)

营养干预与重症肺炎患儿临床指标相关性及

对患儿肠道微生态影响研究 韩虹 梁欣 罗冷等(1271)

幽门螺杆菌感染对胃上皮细胞铁死亡相关脂

代谢蛋白表达及脂质过氧化水平的影响

..... 黄婷婷 陈定宇 桂书琴等(1277)

鼠李糖乳杆菌对非酒精性脂肪肝病小鼠肠道

菌群及血清因子的影响 赵祥运 梁慧洁 陆诗发等(1283)

靶向宏基因组测序技术在不明原因肺部感染

病原学诊断中的价值 陶锋 李一荣 周艳梅等(1290)

血清 miR-31、LncRNA TUG1 在呼吸机相关性

肺炎表达水平及其临床预后评估价值研究

..... 赵明星 侯雨(1295)

2PreS1 重组蛋白的表达、纯化及疫苗效果评价

..... 胡明娜 韩少伟 张勇等(1300)

细粒棘球绦虫 DNA 损伤修复蛋白 Rad50 的

生物信息学分析 赵金龙 许少全 周润等(1305)

宫颈癌患者 HPV 感染情况对癌组织 Runx3、

NOB1、NK-1R 表达水平的影响及其检测

价值分析 梁菊华 曲书平 刘春君(1312)

不同病原体类型脓毒症患者的临床特征及

对预后的影响因素 石庆玲 郭卫东 徐振兴(1317)

调查研究

新乡地区 1 282 例女性泌尿生殖道支原体

感染特征分析 曹献芹 马建敏 张晓菲等(1322)

某高校学生呼吸道传染病流行病学特征分析

..... 王丽丽 李娟 葛丽娜等(1327)

临床研究

恶性血液病合并侵袭性真菌病的感染特点分析

..... 曹圣晗 赵子剑(1331)

消化内镜术后感染患者的临床特征及影响因素分析

..... 敬仁芝 张璐 张新星(1336)

心力衰竭患者肺部感染致病菌分布及其对常见抗菌药的耐药性测定

..... 张恒 许广丽(1340)

老年患者肺部感染病原菌分布及耐药性分析

..... 李宏谦 张志成 姜蕾(1344)

慢性阻塞性肺疾病患者呼吸道感染致病菌分布及耐药性分析

..... 童林荣 肖路生 康美玲等(1349)

急性脑血管疾病合并肺部感染患者病原学特点及 IL-23、IL-17 预测价值分析

..... 张瑞 王小雅 原野等(1354)

急性缺血性脑卒中取栓后合并卒中相关性肺炎的病原学特点及危险因素

..... 李春梅 刘静川 唐灵涛等(1358)

新生儿脓毒症中革兰阴性菌的分布特征及其多重耐药性与危险因素分析

..... 许华 彭昊 姚振宏等(1353)

老年糖尿病足感染患者血清 HMGB1 和 KLF5 表达与病原菌感染程度及预后的关系

..... 梁珣 张杰 张晓蕾等(1367)

综述

NLRP3 炎症小体在感染性疾病中的作用研究进展

..... 高雪涵 卫麟娜 董品志等(1371)

铜绿假单胞菌的耐药机制及群体感应研究进展

..... 赵育林 林艳 韩卫南等(1377)

基于 cGAS-STING 通路探讨中药对心血管疾病的炎症反应的作用及其研究进展

..... 张曼琳 刘贞麟 刘奇等(1381)

溶瘤病毒递送策略的研究进展

..... 陈浩楠 王焱 米赞奇等(1385)

教学与探讨

新医科背景下病原生物学教学探讨与实践

..... 高霏 陈希元 蒋圣露(1390)

期刊基本参数 CN11-5457/R * 2006 * m * A4 * 96 * zh+en * P * ¥25.00 * 1000 * 29 * 2024-11

本期责任编辑 王利磊

JOURNAL OF PATHOGEN BIOLOGY

Monthly

Established in January 2006

Volume 19, Number 11

30 November 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

- Construction of phage display antibody library of human monoclonal Fab antibody against Dabie Bandavirus**
..... XU Jiaxin, WANG Jingjing, WANG Lin, et al(1251)
- Relationship between serum IL-1 β and IL-10 expression with vaginal microbiota and pregnancy outcomes in patients with intrauterine infection of Group B hemolytic streptococci in late pregnancy**
..... BA Te, LIU Feifei, SONG Jiao(1255)
- The impact of changes in gut microbiota on the clinical prognosis of patients with heart failure**
..... LIU Tingting, LIU Pihong, PENG Cailiang(1260)
- Clonal expression and bioinformatics analysis of CysE and CysK proteins of *Clostridioides difficile***
..... GU Wenpeng, JIA Senquan, ZHOU Yongming, et al(1266)
- Nutritional intervention and analysis of its correlation with clinical indicators in children with severe pneumonia and the impact on the gut microbiota** HAN Hong, LIANG Xin, LUO Leng, et al(1271)
- The Effects of *Helicobacter pylori* infection on the expression of ferroptosis related lipid metabolism proteins and lipid peroxidation in gastric epithelial cells**
..... HUANG Tingting, CHENG Dingyu, GUI Shuqin, et al(1277)
- Effect of *Lactobacillus rhamnosus* on intestinal flora and serum factors in mice with nonalcoholic fatty liver disease**
..... ZHAO Xiangyun, LIANG Huijie, LU Shifa, et al(1283)
- Targeted metagenomic sequencing in the diagnosis of pulmonary infection of unknown etiology**
..... TAO Feng, LI Yirong, ZHOU Yanmei, et al(1290)
- Expression levels of serum miR-31 and LncRNA TUG1 in ventilator-associated pneumonia and their clinical prognostic evaluation value** ZHAO Mingxing, HOU Yu(1295)
- Expression, purification, and vaccine efficacy evaluation of the 2PreS1 recombinant protein**
..... HU Ming-na, HAN Shaowei, ZHANG Yong, et al(1300)
- Preliminary validation and bioinformatics analysis of protein Rad50 in *Echinococcus granulosus***
..... ZHAO Jinlong, XU Shaoquan, ZHOU Run, et al(1305)
- Impacts of HPV infection in cervical cancer patients on the expression levels of Runx3, NOB1, and NK-1R in cancer tissue and their detection value analysis**
..... LIANG Juhua, QU Shuping, LIU Chunjun(1312)

Analysis of clinical characteristics and prognostic impact in sepsis patients with different pathogen types

..... SHI Qingling , GUO Weidong , XU Zhenxing (1317)

INVESTIGATION STUDY

Epidemiological analysis of 1 282 cases of female urogenital *Mycoplasma* infection in Xinxiang area

..... CAO Xianqin , MA Jianmin , ZHANG Xiaofei , et al (1322)

Analysis of the epidemiological characteristics of respiratory infectious diseases among students in

a certain university WANG Lili , LI Juan , GE Lina , et al (1327)

CLINICAL STUDY

Analysis of the infection characteristics of malignant hematological diseases combined with

invasive fungal diseases CAO Shenghan , ZHAO Zijian (1331)

Analysis of the clinical characteristics and influencing factors of patients with infection after

digestive endoscopy JING Renzhi , ZHANG Lu , ZHANG Xinxing (1336)

Distribution of pathogens and their susceptibility to common antibiotics among heart failure

patients complicated by pulmonary infections ZHANG Heng , XU Guangli (1340)

Distribution and drug resistance analysis of pathogenic bacteria in pulmonary infection in elderly patients

..... LI Hongqian , ZHANG Zhicheng , JIANG Lei (1344)

Distribution of pathogens causing respiratory tract infections and antimicrobial resistance

among patients with chronic obstructive pulmonary disease

..... TONG Linrong , XIAO Lusheng , KANG Meiling , et al (1349)

Pathogenic characteristics of patients with acute cerebrovascular disease combined with

pulmonary infection and Analysis of the predictive value of IL-23,IL-17

..... ZHANG Rui , WANG Xiaoya , YUAN Ye , et al (1354)

Etiological characteristics and risk factors of stroke-associated pneumonia after thrombectomy

in acute ischemic stroke LI Chunmei , LIU Jingchuan , TANG Lingtao , et al (1358)

Distribution characteristics, multidrug resistance, and risk factor analysis of Gram-negative

bacteria in neonatal sepsis XU Hua , PENG Hao , YAO Zhenhong , et al (1363)

The relationship between the expression of serum HMGB1 and KLF5 with the degree of pathogenic

infection and prognosis in elderly patients with diabetic foot infection

..... LIANG Xun , ZHANG Jie , ZHANG Xiaolei , et al (1367)

REVIEWS

Research progress on the role of NLRP3 inflammasome in infectious diseases

..... GAO Xuehan , WEI Linna , DONG Pinzhi , et al (1371)

Research progress on the drug resistance mechanism and quorum sensing of *Pseudomonas aeruginosa*

..... ZHAO Yulin , LIN Yan , HAN Weinan , et al (1377)

Study on the inflammatory response of Traditional Chinese patent medicines and simple preparations

to cardiovascular diseases based on cGAS-STING pathway and its research progress

..... ZHANG Manlin , LIU Zhenlin , LIU Qi , et al (1381)

Research progress on oncolytic virus delivery strategies

..... CHEN Haonan , WANG Yan , MI Yunqi , et al (1385)

TEACHING AND PROBE

Discussion and practice on teaching of Pathogenic Biology

..... GAO Fei , CHEN Xiyuan , JIANG Shenglu (1390)