

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 9 期(总第 213 期)

2024 年 9 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: cjp@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

- 狂犬病毒 L 蛋白加帽酶功能域的表达、纯化及多克隆抗体的制备与鉴定 张桃萍 陈 露 徐瑞贤等 (993)
BRACO-19 和 TMPyP4 在 HBV-1.3mer 质粒感染模型对 HBV 转录和复制的抑制作用 马海洋 贺丽娜 吕树娟等 (999)
人 7 型腺病毒 Hexon 蛋白原核表达及蛋白纯化 方瑞康 肖 妍 李青青等 (1004)
刚地弓形虫 CDPK1 蛋白结构与抗原表位的生物信息学分析 殷 荷 党甜甜 李佳铭等 (1009)
甘肃省甘南州家畜细粒棘球蚴病例特征及其病原遗传多样性分析 严斌昌 米荣升 邵云全等 (1014)
口腔鳞癌(OSCC)患者口腔微生物群落特征及临床相关意义 葛益林 宋 喜 宋 辉等 (1020)
基于转录组学的生脉饮抗登革 1 型病毒作用机制研究 陈 杰 张秋欢 袁直然等 (1025)
人 ZRANB3 蛋白在大肠埃希菌中的表达纯化和功能研究 郑 琳 向 嵩 陈 朴 (1031)
miR-217-5p 在病毒性心肌炎患者血清中的表达变化及其对 CVB3 诱导的心肌细胞损伤影响 沙 蕾 袁 果 蒋 珂 (1036)
华支睾吸虫感染背景的肝细胞癌影像组学特征及预测华支睾吸虫感染的性能评价 李 刚 彭 飞 詹 麒等 (1042)
补充维生素 D 对炎性肠病患者肠道微生物群的稳态分析 申 洋 李昌平 (1047)
基于梯度技术优化肺结核继发纤维纵隔炎引发的肺动脉高压的 CT 图像分析 纳建荣 严 梅 褚娇娇等 (1053)
根皮素调节 YAP/TAZ 信号通路对 HPV 阳性宫颈癌细胞恶性进展的影响 鞠晓雨 魏苗雪 王 兰 (1057)

调查研究

- 妊娠合并梅毒感染流行学特征及不良妊娠结局分析 唐 静 王美丽 窦文莉等 (1061)
流感样病例流行病学特征及感染病原体类型调查 张洪国 宋 昊 张 萌等 (1066)

临床研究

- 神经外科术后颅内感染的病原菌分布及相关因素研究 曹英肖 侯乾 张涛(1070)

老年患者肺部感染病原菌分布及耐药性分析 徐丽丽 刘斌 席小青等(1075)

原发性肾病综合征患儿合并肺炎支原体感染的临床特点及危险因素分析 葛秀梅 白芸 陈美娜(1079)

冠心病合并肺部感染患者血清 Cys C、MIP-1 α 水平变化及临床意义 李芸 马育鹏(1083)

2020-2022 年检验科微生物室多重耐药菌检测结果及检验质量的影响因素分析 王娜 范杰斐 王文茜(1088)

腰椎间盘突出症术后并发椎间隙感染病原菌分布特点及危险因素分析 朱文辉 薛景景 杨炳等(1092)

子宫肌瘤患者术后并发泌尿系统感染病原菌分布、耐药性及危险因素分析 徐洪霞 严敏 陈丽敏等(1096)

神经外科住院患者肺部多重耐药菌感染病原学特点及危险因素分析 王建平 王宏 陈前等(1100)

肠外瘘并发腹腔感染患者病原菌、耐药性及风险预测模型构建 王正冬 马钰栋 周爱明(1104)

综述

- 鲍曼不动杆菌生物被膜形成机制及中药单体干预作用的研究进展 费露颖 钱义明 胡冠宇等(1109)
诺如病毒急性胃肠炎流行特征及疫苗研究进展 张彦 张丹 苏文冕等(1112)

教学与探讨

- 以临床思维为导向的病原生物学与免疫学教学方法研究 隆 献 周 言 孟庆欣等(1115)

[View Details](#) | [Edit](#) | [Delete](#)

期刊基本参数 CN11-5457/R * 2006 * m * A4 * 96 * zh+en * P * ¥25.00 * 1000 * 27 * 2024-09

本期责任编辑 王利磊

JOURNAL OF PATHOGEN BIOLOGY

Monthly

Established in January 2006

Volume 19, Number 9

30 September 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: cjp@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

ISSN

ISSN 1673-5234
CN 11-5457/R

CONTENTS

ORIGINAL ARTICLES

- Expression, purification, preparation and identification of polyclonal antibodies for the capping enzyme domain of rabies virus L protein**
..... ZHANG Taoping, CHEN Lu, XU Ruixian, et al(993)
- BRACO-19 and TMPyP4 inhibit HBV transcription and replication in an HBV1.3-mer plasmid-infected model**
..... MA Haiyang, HE Lina, LV Shujuan, et al(999)
- Prokaryotic expression and purification of Hexon gene of Human Adenovirus-7**
..... FANG Ruikang, XIAO Yan, LI Jingjing, et al(1004)
- Bioinformatics analysis of the structure and antigenic epitopes of Toxoplasma gondii CDPK1 protein**
..... YIN He, DANG Tiantian, LI Jiaming, et al(1009)
- Study on characteristics of cystic echinococcosis and genetic diversity of livestock in Gannan Prefecture, Gansu Province**
..... YAN Binchang, MI Rongsheng, SHAO Yunquan, et al(1014)
- Characterization and clinical relevance of oral microbiota in patients with oral squamous carcinoma**
..... GE Yilin, SONG Xi, SONG Hui, et al(1020)
- Transcriptomics-based study on the mechanism of Shengmaiayin against Dengue virus type 1**
..... CHEN Jie, ZHANG Qiuhan, QIN Zhiran, et al(1025)
- Expression, purification and function of human ZRANB3 protein in Escherichia coli**
..... ZHENG Lin, XIANG Song, CHEN Pu(1031)
- The expression change of miR-217-5p in the serum of patients with viral myocarditis and its effect on CVB3-induced myocardial cell injury**
..... SHA Lei, YUAN Guo, JIANG Ke(1036)
- Imaging omics characteristics of hepatocellular carcinoma with background of Clonorchis sinensis infection and performance evaluation for predicting C. sinensis infection**
..... LI Gang, PENG Fei, ZHAN QI, et al(1042)
- Homeostatic analysis of the intestinal microbiota in patients with inflammatory bowel disease by vitamin D supplementation**
..... SHEN Yang, LI Changping(1047)
- Optimization of CT image analysis of pulmonary hypertension due to pulmonary tuberculosis secondary to fibrous mediastinitis based on gradient technique**
..... NA Jianrong, YAN Mei, CHU Jiaoqiao, et al(1053)
- Effect of phloretin on the malignant progression of HPV positive cervical cancer cells by regulating the YAP/TAZ signaling pathway**
..... JU Xiaoyu, WEI Xixue, WANG Lan(1057)

INVESTIGATION STUDY

- Epidemiological characteristics of pregnancy complicated with syphilis infection and analysis of adverse pregnancy outcomes TANG Jing , WANG Meili , DOU Wenli , et al(1061)
- Epidemiological characteristics of influenza like cases and investigation of infection pathogen types ZHANG Hongguo , SONG Yang , ZHANG Meng , et al(1066)

CLINICAL STUDY

- A study on the distribution of pathogens and related factors of intracranial infection after neurosurgery CAO Yingxiao , HOU Qain , ZHANG Tao(1070)
- Distribution and drug resistance analysis of pathogenic bacteria in pulmonary infection in elderly patients XU Lili , LIU Bin , Xi Xiaoqing , et al(1075)
- Clinical characteristics and risk factors analysis of *Mycoplasma pneumoniae* infection in children with primary nephrotic syndrome GE Xiumei , BAI Yun , CHEN Meina(1079)
- Changes and clinical significance of serum Cys C and MIP-1 α levels in patients with coronary heart disease combined with pulmonary infection LI Yun , MA Yupeng(1083)
- Analysis of the factors influencing the detection results and quality of multidrug resistant bacteria in the microbiology room of the clinical laboratory from 2020 to 2022 WANG Na , FAN Jiefei , WANG Wenqian(1088)
- Analysis of the distribution characteristics and risk factors of pathogens causing postoperative intervertebral space infection in patients with lumbar disc herniation ZHU Wenhui , XUE Jingjing , YANG Bing , et al(1092)
- Analysis of pathogenic bacteria distribution,drug resistance and risk factors of postoperative urinary system infection in patients with uterine fibroids XU Hongxia , YAN Min , CHEN Limin , et al(1096)
- Etiological characteristics and risk factors of pulmonary multidrug-resistant bacteria infection in neurosurgical inpatients WANG Jianping , WANG Hong , CHEN Qian , et al(1100)
- Construction of pathogenic bacteria,drug resistance and risk prediction model in patients with intestinal fistula complicated with abdominal infection WANG Zhengdong , MA Yudong , ZHOU Aiming(1104)

REVIEWS

- Research progress on the mechanism of biofilm formation in *Acinetobacter baumannii* and the intervention effect of traditional Chinese medicine monomers FEI Luying , QIAN Yiming , HU Guanyu , et al(1109)
- Epidemic characteristics of norovirus acute gastroenteritis and research progress of vaccines ZHANG Yan , ZHANG Dan , SUI Wenmian , et al(1112)

EACHING AND PROBE

- Research on the teaching method of Pathogenic Biology and Immunology Oriented by clinical thinking LONG Xian , ZHOU Yan , MENG Qingxin , et al(1115)