

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10期(总第226期)

2025年10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》(中英文)编
辑部

272033,山东省济宁市太白楼中路11号

电 话: 0537-2342934

E-mail: cjbpb@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

幽门螺杆菌诱导胃酸分泌障碍对慢性胃炎患者

十二指肠菌群及其短链脂肪酸代谢的影响

..... 陈 洲 陈 科 司淑平等(1249)

CH患儿细菌感染与生物-心理-社会功能损害的

护理干预路径研究 韩琳琳 豆尧霞 徐 冉等(1255)

超早产儿坏死性小肠结肠炎组织坏死的菌群微

环境特征与临床表型谱相关性研究

..... 林 素 姜 槐 麦菁芸等(1260)

儿童支原体肺炎病原菌分布、并发肝损害的影响

因素及预测模型构建 陈立娟 李 斌 杨丽昕(1266)

连翘苷调节 AMPK/SIRT1/NF- κ B 通路对呼吸道

合胞病毒感染大鼠肺组织炎性损伤的影响 潘铨铨 李艳冰(1270)

血清 sTREM-1、Flt3L 水平与妊娠晚期糖尿病患者

产褥期感染的相关性研究 崔晓敏 王 晖 杨秀燕等(1275)

基于宏基因组测序的间质性肺病患者下呼吸道

微生物组特征及与疾病进展相关性分析

..... 杨雪迎 赵振波 刘雨婷等(1279)

急性髓系白血病患者化疗骨髓抑制期感染与肠道

菌群的相关性分析 郭洪晓 熊红霞(1285)

基于肠道微生态特征预测初诊肾病综合征患儿

糖皮质激素相关代谢副作用的发生风险 张 慧 于艳辉(1290)

血清 Foxo1 与 Th9 细胞对慢性难治性荨麻疹

合并感染患者的评估价值及相关性研究

..... 张 佳 张明海 陶飞雪等(1297)

血清 SMYD3 和 BCLAF1 水平与膀胱癌患者肠道

菌群变化的相关性研究及其诊断价值评估

..... 朱柏林 余敬南 李有林等(1302)

基于 AMPK/SIRT1/PGC-1 α 通路探讨姜黄素对

宫内感染所致新生大鼠肺损伤的影响 刘飞飞 徐 坤(1307)

基于菌群特征探究淋巴瘤患者化疗后口腔感染的

风险预测模型及分层护理策略 周 婷 冯艳艳 孙 晗等(1312)

调查研究

宫颈癌术后导尿管相关尿路感染病原菌及其影响

因素调查 陈丽积 伍丹丹 沈龙德等(1317)

2023-2024 年山东省输入性疟疾流行病学特征调查

.....	马玉芳	许 艳	王用斌等(1322)
恶性肿瘤患者血流感染的病原菌分布及预后影响因素调查	.....	刘承一	胡潺潺 李青山等(1327)
消化内科患者幽门螺杆菌感染现状调查分析	.....	孙旭彤	石 磊 续婷婷等(1331)
神经外科患者脑出血术后肺部感染病原学特点及危险因素调查	.....	张昌启	王 跃 张娟娟等(1336)
胎膜早破孕产妇生殖道感染病原菌分布及影响因素调查	.....	甘淑珍	李 琼 肖建英(1340)
糖尿病肾脏疾病合并尿路感染患者病原菌分布和耐药性及危险因素调查	.....	刘春军	严方方(1344)

临床研究

不同病理分型肺癌患者并发术后院内感染病原学特点	.....	甘 婷	李曼玲 赵 云等(1348)
慢性细菌性前列腺炎患者病原菌分布特征及危险因素分析	.....	罗 杰	苏小康 陈 奎等(1352)
慢性胃炎合并幽门螺杆菌感染患者肠道菌群特点及益生菌联合三联疗法的疗效分析	.....	李 辰	歧红阳 毛建娜等(1357)
神经外科脑卒中患者气道常见病原微生物感染的危险因素分析	.....	邵贤莉	王 宁(1361)
单胎自发性中孕期流产与病原微生物的关联性探究	.....	李夏芳	刘 慧 曾 敏(1366)
人工髋关节置换术后并发感染临床特点及护理对策探讨	.....	余淑萍	潘耀成 何维珍等(1370)

综 述

新型冠状病毒感染后医学实验室感染防控体系长效机制构建的探索	.....	谢玲萍	杜天海 杨庆先(1374)
吲哚菁绿荧光成像在感染性胆囊炎手术中的应用及病原学关联研究进展	.....	金 涛	王 苈 史凯航等(1378)
基于临床标本的病原微生物耐药性中医干预策略研究进展	.....	吴 丹	周 静 范艳莉等(1383)
PBL 教学法在提升医学生对病原生物学复杂案例分析能力中的作用	.....	向倩雨	敬治兴 米长江等(1387)



JOURNAL OF PATHOGEN BIOLOGY

Monthly

Established in January 2006

Volume 20, Number 10

30 Oct. 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: cjpb@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

- Effects of *Helicobacter pylori* gastric acid hyposecretion on duodenal
microbiota and short-chain fatty acid metabolism in chronic gastritis
..... CHEN Zhou, CHEN Ke, SI Shuping, et al (1249)
- Investigation of the nursing intervention path for pathogenic
microorganism infection and bio-psycho-social functional
impairment in children with congenital hypothyroidism
..... HAN Linlin, DOU Yaoxia, XU Ran, et al (1255)
- Correlation between microbial microenvironment characteristics
and clinical phenotypic profiles in tissue necrosis of necrotizing
enterocolitis among extremely preterm infants
..... LIN Su, JIANG Huai, MAI Jingyun, et al (1260)
- Investigation of pathogenic bacteria distribution in children with
Mycoplasma pneumonia and the influencing factors and
prediction model construction of complicated liver damage
..... CHEN Lijuan, LI Bin, YANG Lixin (1266)
- The effect of phillyrin on lung tissue inflammatory injury in
respiratory syncytial virus infected rats by regulating the
AMPK/SIRT1/NF- κ B pathway PAN Chengcheng, LI Yanbing (1270)
- Correlation between serum sTREM-1, Flt3L levels and puerperal
infection in patients with gestational diabetes mellitus in late
pregnancy CUI Xiaomin, WANG Hui, YANG Xiuyan, et al (1275)
- To investigate the characteristics of the lower respiratory tract
microbiome in patients with interstitial lung disease using
metagenomic sequencing and to evaluate its correlation
with disease progression YANG Xue, ZHAO Zhenbo, LIU Yuting, et al (1279)
- Correlation between infections and gut microbiota in acute myeloid
leukemia patients during chemotherapy-induced myelosuppression
and analysis of nursing interventions GUO Hongxiao, XIONG Hongxia (1285)
- Prediction of the risk of glucocorticoid-related metabolic side effects
in children with newly diagnosed nephrotic syndrome based on
intestinal microecological characteristics ZHANG Hui, YU Yanhui (1290)
- Evaluation value and correlation of serum Foxo1 and Th9 cells
in patients with chronic refractory urticaria co-infection
..... ZHANG Jia, ZHANG Minghai, TAO Feixue, et al (1297)
- To study the correlation between serum SMYD3 and BCLAF1 levels
and the changes of intestinal flora in patients with bladder cancer
and evaluate their diagnostic value
..... ZHU Bolin, YU Jingnan, LI Youlin, et al (1302)
- Exploring the effect of curcumin on lung injury induced by intrauterine
infection in neonatal rats based on the AMPK/SIRT1/PGC-1 α pathway
..... LIU Feifei, XU Kun (1307)

To investigate a risk prediction model and hierarchical nursing strategy for oral infections in lymphoma patients post-chemotherapy based on microbial flora characteristics ZHOU Ting , FENG Yanyan , SUN Han , et al(1312)

INVESTIGATION STUDY

Analysis of pathogens and influencing factors of catheter-associated urinary tract infection after cervical cancer surgery CHEN Liji , WU Dandan , SHEN Longde , et al(1317)

Epidemiological characteristics of imported malaria in Shandong Province in 2023-2024 MA Yufang , XU Yan , WANG Yongbin , et al(1322)

Analysis of pathogenic bacteria distribution and prognostic factors of bloodstream infection in patients with malignant tumors LIU Chengyi , HU Chanchan , LI Qingshan , et al(1327)

Investigation and analysis of the current status of *Helicobacter pylori* infection in patients in the Department of Gastroenterology SUN Xutong , SHI Lei , XU Tingting , et al(1331)

Analysis of pathogenic characteristics and risk factors of postoperative pulmonary infection in patients undergoing neurosurgical intracerebral hemorrhage surgery ZHANG Changqi , WANG Yue , ZHANG Juanjuan , et al(1336)

Analysis of pathogenic bacteria distribution and influencing factors of reproductive tract infection in pregnant women with premature rupture of membranes GAN Shuzhen , LI Qiong , XIAO Jianying (1340)

Analysis of pathogens distribution, drug resistance and risk factors in patients with diabetic kidney disease complicated with urinary tract infection LIU Chunjun , YAN Fangfang (1344)

CLINICAL STUDY

Analysis of etiological characteristics of postoperative nosocomial infections in lung cancer patients with different pathological types GAN Ting , LI Manling , ZHAO Yun , et al(1348)

Analysis of the distribution characteristics of pathogens and risk factors in patients with chronic bacterial prostatitis LUO Jie , SU Xiaokang , CHEN Kui , et al(1352)

Analysis of the characteristics of intestinal flora in patients with chronic gastritis complicated by *Helicobacter pylori* infection and the efficacy of probiotics combined with triple therapy LI Chen , QI Hongyang , MAO Jianna , et al(1357)

An investigation of risk factors and preventive measures for common pathogenic microbial infections in airway care of neurosurgical stroke patients SHAO Xianli , WANG Ning (1361)

An investigation of the association between spontaneous midtrimester abortion and pathogenic microorganisms in singleton fetuses LI Xiafang , LIU Hui , ZENG Min(1366)

Discussion on the clinical characteristics and nursing countermeasures of postoperative infection after total Hip arthroplasty YU Shuping , PAN Yaocheng , HE Weizhen , et al(1370)

REVIEWS

Exploring the construction of a long-term mechanism for infection prevention and control in medical laboratories post-COVID-19 XIE Lingping , DU Haitian , YANG Qingxian (1374)

Research progress on the application of indocyanine green fluorescence imaging in the surgery of infectious cholecystitis and its association with etiology JIN Tao , WANG Xing , SHI Kaihang , et al(1378)

Research progress on traditional chinese medicine intervention strategies for pathogenic microbial resistance based on clinical specimens WU Dan , ZHOU Jing , FAN Yanli , et al(1383)

The role of PBL teaching method in improving medical students' ability to analyze complex cases in Pathogenic Biology XIANG Qianyu , JING Zhixing , MI Changjiang , et al(1387)