

Medical Science Journal of Central South China

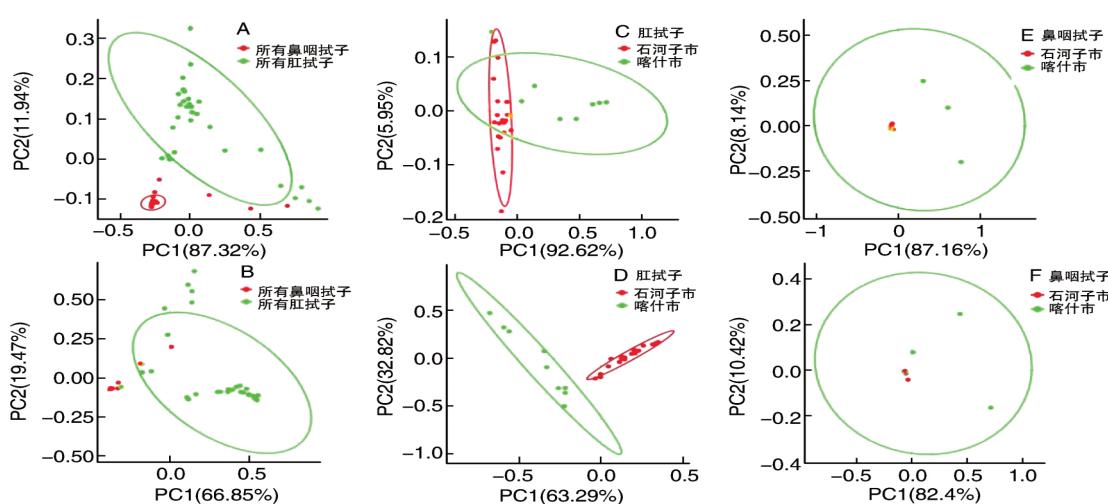
中南医学科学杂志

Zhongnan Yixue Kexue Zazhi

基于宏基因组学的新疆牧场牛潜在人兽共患病原菌调查

邓云丽^{1,2}, 刘海灿², 屈勇刚³, 陈紫昕^{1,2}, 宋德强⁴, 梁晏³, 张家瑞³, 万康林², 刘志广², 袁秀琴¹

(1.南华大学公共卫生学院,湖南省衡阳市421001; 2.中国疾病预防控制中心传染病预防控制所国家重点实验室,北京市102206; 3.石河子大学动物科技学院,新疆维吾尔自治区石河子市832003; 4.新疆生产建设兵团第八师石河子市动物卫生监督所,新疆维吾尔自治区石河子市832000)



ISSN 2095-1116



2021年5月

第3期
第49卷

中南医学科学杂志

ZHONGNAN YIXUE KEXUE ZAZHI

双月刊

1973 年创刊

第 49 卷第 3 期

2021 年 5 月出版

主管

湖南省教育厅

主办

南华大学

学术支持单位

衡阳市中心医院

编辑出版

《中南医学科学杂志》编辑部

地址：湖南省衡阳市，南华大学内

邮政编码：421001

电话：0734-8160781

E-mail：znyxkxzz@vip.163.com

网址：<http://nhqks.cnjournals.com/yx/>

主编

文格波

副主编

吴移谋 姜志胜

雷小勇 容益康

编辑部主任

李小玲

广告经营许可证号

4304047440022

印 刷

长沙市和一印刷设备有限公司

发 行

国内：中国邮政集团公司湖南省报刊发行局

国外：中国国际图书贸易集团有限公司
(中国北京 399 信箱, 100044)

订 购

全国各地邮局

邮发代号：国内 42-396

国外 Q4353

邮 购

《中南医学科学杂志》编辑部

定 价

每期 10 元, 全年 60 元

国际标准连续出版物号

ISSN 2095-1116

国内统一连续出版物号

CN 43-1509/R

本刊若有印刷和装订质量问题,
请向编辑部对换。

目 次

· 微生物专栏 ·

胞内寄生菌与宿主细胞凋亡的相互作用分子机制研究

..... 吴移谋, 王建业(249)

基于宏基因组学的新疆牧场牛潜在人兽共患病原菌调查

..... 邓云丽, 刘海灿, 屈勇刚, 陈紫昕,

宋德强, 梁晏, 张家瑞, 万康林, 刘志广, 袁秀琴(253)

E 型沙眼衣原体持续性感染模型的建立与鉴定

..... 李忠玉, 赵钰琦, 文雅婷, 史可靓, 刘怡, 粟盛梅(259)

重组梅毒螺旋体黏附素在小鼠模型中的免疫原性及免疫保护性研究

..... 曾铁兵, 赵宇龙, 唐一之, 陈德军,

何宇星, 赵飞骏, 徐青峰, 万佳, 尹浩泉(265)

阿法替尼抗小鼠肺炎支原体感染的效果研究

..... 蒋竹林, 赵玲, 李奥利, 朱翠明, 李水红, 邓仲良(270)

肺炎链球菌耐药分子机制的研究进展

..... 黄李丹, 杨美娟, 孙爱华, 严杰(275)

生殖道衣原体质粒功能的研究进展

..... 宋晨晨, 周洲, 钟光明(281)

· 基础医学 ·

二烯丙基二硫对 CD44⁺人胃癌 AGS 细胞生长的影响

..... 吴静, 段海瑞, 谢鸣, 陆昱汝, 许珊, 李维, 凌晖(285)

苯乙双胍通过激活 AMPK 抑制肝癌细胞增殖、集落形成及侵袭

..... 吴添雨, 黄玲俐, 颜新建, 岳壮壮, 伍燕, 李高峰(290)

Apelin-13 对急性坏死性胰腺炎大鼠胰腺组织中自噬的影响

..... 黄秋林, 曾奎, 陈豪, 何宝凤(295)

NU7026 对人肝癌细胞 HepG2 生物学行为的影响

..... 李娟, 颜宇龙, 万丹婷, 李蕊, 周美艳, 周洁, 黄波(300)

基于生物信息学筛选甲状腺癌关键基因和通路

..... 谢晓利, 袁春艳, 浦文兰, 杨媛媛, 盛霞(305)

· 临床医学 ·

- 2型糖尿病合并肾周围炎的病原菌分布及其危险因素分析 李鹤琦, 洪涛(310)
二期创面修复治疗严重上肢创伤骨折疗效分析 郭明刚, 杨辰菲, 陈锋, 冯志尉, 袁发, 李亮, 李伟(314)
葡萄糖酸锌联合消旋卡多曲对轮状病毒性肠炎患儿机体微炎症状态及肠黏膜屏障功能的影响 江萍, 胡敏, 李斌(318)
三维斑点追踪成像对慢性心力衰竭患者左心室功能的评估价值 彭钰, 李捷, 杨益宁, 刘莹(322)
82例精神分裂症患者居家治疗状况及其影响因素分析 马显明, 史欣慧, 治春莲, 张晓萍(326)
慢性阻塞性肺疾病合并冠心病患者 sTREM-1 及炎症状态与冠状动脉病变程度的相关性 周榕, 崔晓雪, 华正东, 陈绪发(331)
ACS 患者斑块特征与冠状动脉慢血流现象的相关性 王亚娟(335)
¹³¹I 治疗甲状腺乳头状癌临床疗效及对甲状腺相关抗体和基质金属蛋白酶水平的影响 杨朝霞, 袁小燕, 李为(340)
腰大池引流预防脑动脉瘤破裂出血术后脑积水及其预后影响因素分析 宁亮, 谢兰军, 梁卫东, 朱司阳, 刘俊(344)
尿液 Na⁺/K⁺对病毒性肝炎肝硬化严重程度的评估价值 张莉, 邓立功, 程倬(348)

· 文献综述 ·

- 冠状病毒肺炎的细胞因子风暴与治疗研究进展 刘通, 林玮, 张燕丽, 崔琳, 李鹏飞, 张敏(351)
急性 ST 段抬高型心肌梗死患者 PCI 术后无复流现象的研究进展 潘颖洁, 陈蕊, 张玥, 许尧, 李波, 袁伟(358)
CHI3L1 在肝切除术后参与肝脏血管再生的研究进展 李文川, 蔡雪红, 陈巍, 邱英桓, 段小辉, 杨尽晖(363)
Stanford B 型主动脉夹层腔内修复的发展现状 蔡仕炜, 冯耀光(368)

Medical Science Journal of Central South China

Bimonthly, Established in 1973

Volume 49 , Number 3

May ,2021

Responsible Institution

Department of Education of
Hunan Province

Sponsoring Institution

University of South China

Academic Support Unit

Central Hospital of Hengyang

Editor and Publisher

Editorial Staff of Medical
Science Journal of Central
South China

University of South China,
Hengyang 421001 , Hunan, China
Tel: 0734-8160781
E-mail: znyxkz@vip.163.com
<http://nhqks.cnjournals.com/yx/>

Editor-in-chief

WEN Gebo

Associate Editor-in-chief

WU Yimou JIANG Zhisheng
LEI Xiaoyong RONG Yikang

Managing Director

LI Xiaoling

Printing

Changsha Heyi Printing Equipment
Co. ,Ltd

Overseas Distributor

China International Book
Trading Corporation
P. O. box 399 , Beijing, China
Code No. Q4353

Domestic Subscription

Post Office , China
Code No. 42-396

Mail-Order

Editorial Staff of Medical
Science Journal of Central
South China

CSSN

ISSN 2095-1116
CN 43-1509/R

Price

¥ 10.00

This issue was edited by
ZHU Wenxia

CONTENTS

· ORTHOPAEDIC COLUMN ·

- Advances in molecular mechanisms of the interaction between intracellular pathogens and host cell apoptosis WU Yimou, WANG Jianye(249)
Investigation of potential zoonotic pathogens in Xinjiang based on metagenomics DENG Yunli, LIU Haican, QU Yonggang, CHEN Zixin, SONG Deqiang, LIANG Yan, ZHANG Jiarui, WAN Kanglin, LIU Zhiguang, YUAN Xiugui(253)

Establishment and identification of persistent infection model of Chlamydia trachomatis serovar E LI Zhongyu, ZHAO Yuqi,

WEN Yating, SHI Keliang, LIU Yi, SU Shengmei(259)

- Immunogenicity and immune protection of recombinant Treponema pallidum adhesins in murine model ZENG Tiebing, ZHAO Yulong, TANG Yizhi, CHEN Dejun, HE Yuxing, ZHAO Feijun, XU Qingfeng, WAN Jia, YIN Haoquan(265)

Efficacy of Afatinib against mycoplasma pneumoniae infection in mice

..... JIANG Zhulin, ZHAO Lin, LI Aoli, ZHU Cuiming, LI Shuihong, DENG Zhongliang(270)

Research progress in molecular mechanisms of drug resistance of Streptococcus

pneumoniae HUANG Lidan, YANG Meijuan, SUN Aihua, YAN Jie(275)

Progress on the function of Chlamydia plasmid in the reproductive tract

..... SONG Chenchen, ZHOU Zhou, ZHONG Guangming(281)

· BASIC MEDICINE ·

- Effect of diallyl disulfide on growth of CD44⁺ gastric cancer cell line AGS WU Jing, DUAN Hairui, XIE Ming, LU Yuru, XU Shan, LI Wei, LING Hui(285)

Phenformin suppress liver cancer cell proliferation, colony formation and invasion by

activating AMPK WU Tianyu, HUANG Lingli,

YAN Xinjian, YUE Zhuangzhuang, WU Yan, LI Gaofeng(290)

Effect of Apelin-13 on autophagy in pancreatic tissue of rats with acute necrotizing

pancreatitis HUANG Qiulin, ZENG Kui, CHEN Hao, HE Baofeng(295)

Effect of NU7026 on the biological behavior of human hepatocarcinoma cell HepG2

..... LI Juan, YAN Yulong, WAN Dantong,

LI Rui, ZHOU Meiyuan, ZHOU Jie, HUANG Bo(300)

Identification of hub genes and pathways in thyroid carcinoma based on bioinformatics

analysis XIE Xiaoli, YUAN Chunyan,

PU Wenlan, YANG Yuanyuan, SHENG Xia(305)

• CLINICAL MEDICINE •

- Study on the distribution and risk factors of pathogenic bacteria in type 2 diabetic patients with perinephritis *LI Heqi, HONG Tao(310)*
- Clinical analysis of secondary wound repair in the treatment of severe upper limb traumatic fracture *GUO Minggang, YANG Chenfei, CHEN Feng, FENG Zhiwei, YUAN FA, LI Liang, Li Wei(314)*
- Effect of zinc gluconate combined with racemic cardoxil on microinflammation and intestinal mucosal barrier function in children with rotavirus enteritis *JIANG Ping, HU Min, LI Bin(318)*
- Evaluation of left ventricular function in patients with chronic heart failure by three-dimensional speckle tracking imaging *PENG Yu, LI Jie, YANG Yining, LIU Ying(322)*
- Analysis of home treatment status and influencing factors of patients with 82 schizophrenia *MA Xianming, SHI Xinhui, YE Chunlian, ZHANG Xiaoping(326)*
- Correlation between sTREM-1, inflammatory state and severity of coronary artery disease in patients with chronic obstructive pulmonary disease and coronary heart disease *ZHOU Rong, CUI Xiaoxue, HUA Zhengdong, CHEN Xufa(331)*
- Correlation between plaque characteristics and coronary slow flow phenomenon in patients with ACS *WANG Yajuan(335)*
- Clinical efficacy of ^{131}I in the treatment of papillary thyroid carcinoma and its influence on thyroid associated antibodies and matrix metalloproteinases *YANG Zhaoxia, YUAN Xiaoyan, LI Wei(340)*
- Prevention of postoperative hydrocephalus after cerebral aneurysm rupture by lumbar cistern drainage and analysis of prognostic factors *NING Liang, XIE Lanjun, LIAO Weidong, ZHU Siyang, LIU Jun(344)*
- The value of urinary Na^+/K^+ in evaluating the severity of liver cirrhosis in patients with viral hepatitis *ZHANG Li, DENG Ligong, CHENG Zhuo(348)*

• LITERATURE REVIEW •

- Research progress on cytokine storm and treatment of coronavirus pneumonia *LIU Tong, LIN Wei, ZHANG Yanli, CUI Lin, LI Pengfei, ZHANG Min(351)*
- Research progress of no-reflow phenomenon after PCI in patients with acute ST-segment elevation myocardial infarction *PAN Yingjie, CHEN Rui, ZHANG Yue, XU Yao, LI Bo, YUAN Wei(358)*
- Research progress of CHI3L1 involved in hepatic angiogenesis after hepatectomy *LI Wenchuan, CAI Xuehong, CHEN Wei, QIU Yinghuan, DUAN Xiaohui, YANG Jinhui(363)*
- Development of endovascular repair of stanford type B aortic dissection *CAI Shiwei, FENG Yaoguang(368)*