



目次

基础研究

- 1 视网膜母细胞瘤发生发展的关键基因挖掘及验证
黄子珊, 符馨予, 周希瑗
- 12 联合激活mTOR和STAT信号通路对脊髓损伤小鼠轴突再生及运动功能的影响
易凌荣, 谭波涛, 刘媛, 殷樱, 虞乐华
- 20 低频超声辐照载5-氟尿嘧啶的纳泡靶向治疗裸鼠射频消融后残留肝癌的效果
李红阳, 唐诗聪, 赵公芳, 牛英杰, 李乔亚
- 26 CYFIP2在肾透明细胞癌细胞增殖及迁移中的作用
安哲昆, 李修彬, 蔺晨雨, 郭欣鑫, 成晓龙, 蔡明
- 33 脂肪酸结合蛋白4在同型半胱氨酸致大鼠心肌细胞焦亡中的作用
董小艳, 刘达越, 徐灵博, 顾铃毓, 马胜超, 杨安宁, 杨勇, 刘云, 姜怡邓
- 39 紫草素对大鼠慢性皮肤溃疡创面愈合及新生血管形成的促进作用及其机制
谢军, 毛玉洁, 王思宇, 刘伟, 刘刚
- 46 激活PPAR γ 对结核分枝杆菌感染小鼠肺组织AP-1表达及炎症反应的影响
王海利, 韩晓群, 付南燕, 杨婧, 周智兴, 邓琴, 赵晓杰, 刘冬梅

临床研究

- 53 磁共振成像与乳房X线摄影对乳腺簇状钙化病变的诊断价值比较
马金平, 朱荔, 刘紫朦, 杨丽, 刘丰源, 鲍宝石, 邢宁, 王建东
- 58 超声造影评估托法替布成功治疗难治性大动脉炎1例并文献复习
杨金水, 李氏, 张江林, 万月华, 朱剑, 邓小虎, 赵玉荣, 王秀茹, 张洁
- 65 肢端肥大症患者心血管疾病风险血清标志物的变化及长效奥曲肽治疗对其水平的影响
周沫, 陈月, 钱文杰, 伍询, 任伟

综述

- 72 大气污染及气候因素对肾脏疾病的影响及其生物学机制研究进展
杨超, 李鹏飞, 张路霞
- 78 线粒体质量控制失调与特发性肺纤维化的关系研究进展
冯同, 高瑕, 王波, 李万成
- 84 进展期胃癌D2根治术淋巴结不符合研究进展
高笑欣, 瞿洪洋, 段光辉, 陈鹏, 李洪涛
- 89 颅内动脉瘤发生发展中的炎症反应及信号通路研究进展
褚冬, 张光敏, 李清泉, 李英斌
- 97 女性尿道狭窄的病因及诊疗研究进展
顾红杰, 双卫兵

名誉主编 盛志勇
编辑部主任 范晨芳

主编 付小兵
本期执行编辑 熊晓然

订购本刊者，如遇有印刷、装订质量问题，编辑部负责调换。

解放军医学杂志[®]
JIEFANGJUN YIXUE ZAZHI
(陈毅元帅题写刊名)
(月刊)

1964年3月创刊

2022年 第47卷 第1期

主管 中央军委后勤保障部卫生局
主办 人民军医出版社
出版 人民军医出版社
编辑 《解放军医学杂志》编辑部
地址：北京市海淀区复兴路22号75号楼 100842
电话：010-51927306(地方线，传真)，0201-882929-8021(军线)
E-mail: jfjyzz8021@163.com
网址: http://www.jfjyzz.org.cn
排版 《解放军医学杂志》编辑部
印刷 北京印刷集团有限责任公司
发行 中国邮政集团公司北京市报刊发行局(国内总发行)
中国国际图书贸易集团有限公司(国外总发行)
刊号 国际标准连续出版物号ISSN 0577-7402
国内统一连续出版物号 CN 11-1056/R
CODEN CFCHBN
邮发代号 国内2-74 国外M499

2022年1月28日出版

国内每册定价：35.00元

MEDICAL JOURNAL OF CHINESE PEOPLE'S LIBERATION ARMY

January 2022

Volume 47

Issue 1

Monthly

Contents

Basic Research

- 1 **Identification of the key genes in retinoblastoma based on bioinformatics analysis and experimental verification**
Huang Zi-Shan, Fu Xin-Yu, Zhou Xi-Yuan
- 12 **Effect of combined activation of mTOR and STAT signaling pathways on axon regeneration and motor function in mice with spinal cord injury**
Yi Ling-Rong, Tan Bo-Tao, Liu Yuan, Yin Ying, Yu Le-Hua
- 20 **Effects of low frequency ultrasound combined with 5-fluorouracil loaded nanobubbles to treat residual hepatocellular carcinoma in nude mice after radiofrequency ablation**
Li Hong-Yang, Tang Shi-Cong, Zhao Gong-Fang, Niu Ying-Jie, Li Qiao-Ya
- 26 **Role of CYFIP2 in proliferation and migration of renal clear cell carcinoma cells**
An Zhe-Kun, Li Xiu-Bin, Lin Chen-Yu, Guo Xin-Xin, Cheng Xiao-Long, Cai Ming
- 33 **Effect of fatty acid binding protein 4 in cardiomyocyte pyroptosis induced by homocysteine**
Dong Xiao-Yan, Liu Da-Yue, Xu Ling-Bo, Gu Ling-Yu, Ma Sheng-Chao, Yang An-Ning, Yang Yong, Liu Yun, Jiang Yi-Deng
- 40 **Promoting effects and its mechanism of shikonin on wound healing and neovascularization of rats with chronic skin ulcer**
Xie Jun, Mao Yu-Jie, Wang Si-Yu, Liu Wei, Liu Gang
- 46 **Effects of activating PPAR γ on the expression of AP-1 and inflammatory response in lung tissues of mice infected with *Mycobacterium tuberculosis***
Wang Hai-Li, Han Xiao-Qun, Fu Nan-Yan, Yang Jing, Zhou Zhi-Xing, Deng Qin, Zhao Xiao-Jie, Liu Dong-Mei

Clinical Research

- 53 **Comparison of magnetic resonance imaging and mammography for the diagnosis of cluster calcification of breast lesions**
Ma Jin-Ping, Zhu Li, Liu Zi-Meng, Yang Li, Liu Feng-Yuan, Bao Bao-Shi, Xing Ning, Wang Jian-Dong
- 58 **Successful remission of refractory Takayasu arteritis with tofacitinib evaluated by contrast-enhanced ultrasound: a case report and review of literature**
Yang Jin-Shui, Li Min, Zhang Jiang-Lin, Wan Yue-Hua, Zhu Jian, Deng Xiao-Hu, Zhao Yu-Rong, Wang Xiu-Ru, Zhang Jie
- 65 **Changes of the serum markers of cardiovascular disease risk in patients with acromegaly and the effect of long acting octreotide therapy on the disease**
Zhou Mo, Chen Yue, Qian Wen-jie, Wu Xun, Ren Wei

Review

- 72 **Impacts of air pollution and climate change on kidney diseases: Progress in biological mechanisms**
Yang Chao, Li Peng-Fei, Zhang Lu-Xia

- 78 **Research progress on the correlation between mitochondrial quality control disorders and idiopathic pulmonary fibrosis**
Feng Tong, Gao Xia, Wang Bo, Li Wan-Cheng
- 84 **Research progress on lymph node noncompliance in D2 radical resection of advanced gastric cancer**
Gao Xiao-Xin, Qu Hong-Yang, Duan Guang-Hui, Chen Peng, Li Hong-Tao
- 89 **Research advances in the inflammatory responses and signaling pathways in the development and progression of intracranial aneurysms**
Chu Dong, Zhang Guang-Min, Li Qing-Quan, Li Ying-Bin
- 97 **Research progress in etiology, diagnosis and treatment of female urethral stricture**
Xie Hong-Jie, Shuang Wei-Bing
- 104 **Instructions to Authors**

Editor-in-Chief: Fu Xiao-Bing

Managing Editor: Fan Chen-Fang

解放军医学杂志[®]

(陈毅元帅题写刊名)

Med J Chin PLA

Monthly

Established in March, 1964

Vol. 47, No. 1, 2022

Sponsor Directorate of Medical Services, Logistics Support Department, Central Military Commission of PRC

Publishing People's Military Medical Press

Editing Editorial Board of Medical Journal of Chinese People's Liberation Army
Address: Building No. 75, 22 Fuxing Road, Haidian District, Beijing 100842, China
E-mail: jfjyxxz8021@163.com
<http://www.jfjyxxz.org.cn>

Printing Beijing Printing Co., Ltd

Overseas Distributor China International Book Trading Corporation
P.O. Box 399, Beijing, China

CSSN ISSN 0577-7402 CN 11-1056/R

CODEN CFCHBN

Publication date: January 28, 2022