

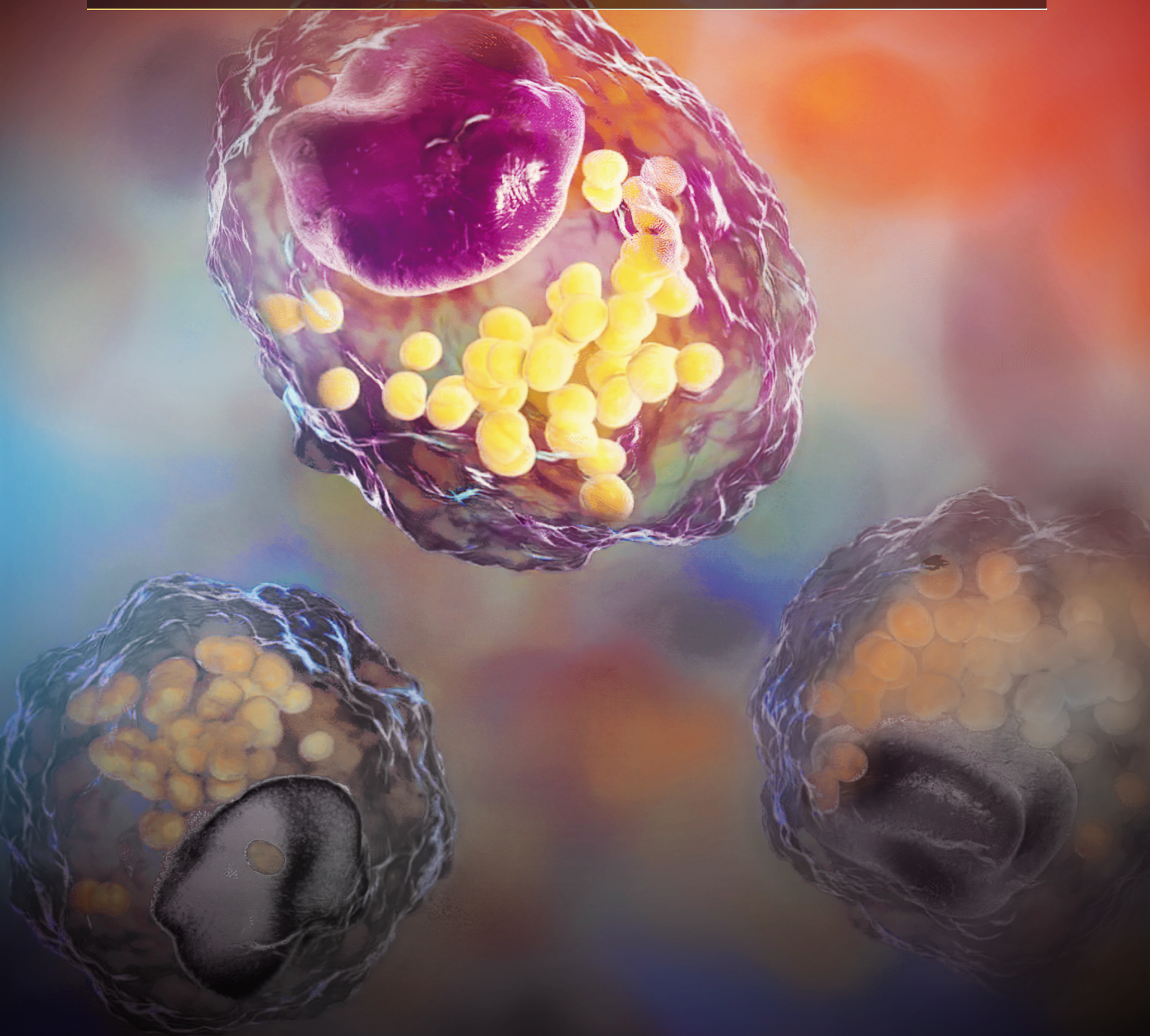
ISSN 1673-4254

CN 44-1627/R

Journal of
Southern Medical University

南方医科大学学报

Volume 42 Number 9 September 2022 | 第42卷 第9期 2022年9月



中国科技期刊卓越行动计划资助期刊

南方医科大学学报

第 42 卷 第 9 期 2022 年 9 月

目 次

基础研究

- 1279 TRAF6通过内源性凋亡通路促进卡介苗诱导的巨噬细胞凋亡
马沁梅,刘 莉,于嘉霖,宫照乾,王晓平,吴晓玲,邓光存
- 1288 DNAM-1通过IL-2/STAT-5通路调节I型调节性T细胞的增殖和功能
王 宁,王一晗,姜朋涛,吕明华,胡志芳,徐 曦
- 1296 PCGF1在直肠腺癌中高表达,沉默后可抑制直肠腺癌的增殖
曾银珍,樊 嵘
- 1303 MiRNA-26a通过调控结缔组织生长因子缓解血管平滑肌细胞的钙化
吴 伟,程 龙,王 杰,杨传蕾,尚玉强
- 1309 基于非局部低秩稀疏矩阵分解的低剂量脑灌注CT图像恢复方法
牛善洲,刘 宏,刘沛沅,张梦真,李 硕,梁礼境,李 楠,刘国良
- 1317 降糖三黄片抑制糖尿病小鼠胰岛细胞的内质网应激和自噬
张文婧,胡兆霆
- 1324 小鼠非酒精性脂肪性肝炎早期YAP活性变化特征及其与胆管反应的时空关系
刘雅雪,梁嘉恩,曾伟兰,汪 艳
- 1335 MiR-let-7g-3p靶向HMGB2调控膀胱癌细胞的增殖、迁移、侵袭和凋亡
邹震海,程 琪,李 中,高五岳,孙 巍,刘贝贝,郭园园,刘建民
- 1344 沉默A549细胞中的CD46和DSG2可抑制人3型和7型腺病毒的侵入及IL-8的释放
杨中英,付扬喜,任 洛,陈诗懿,刘恩梅,臧 娜
- 1351 非小细胞肺癌细胞外泌体源性FZD10促进体外血管生成
吴小凤,詹日明,程大钊,陈 黎,王天雨,唐旭东
- 1359 急性低氧跑大鼠的心肌损伤与心肌钙电流的变化有关
但 晴,白 婧,蔡钟奇,林 琨,李 泱
- 1367 RHPN2在骨肉瘤细胞中高表达并与较差的预后相关
刘智宇,方锋助,李 京,赵广跃,臧全金,张 峰,牒 军
- 1374 激活大麻素受体2可减轻实验性脓毒症大鼠的急性肺损伤
康惠文,蒋守芳,宋 倩,章义利
- 1381 靛玉红可减轻骨关节炎大鼠的软骨细胞炎症和损伤
陈 昕,齐秀春,曹玉净,李 扬,李浩亮,王前进,艾进伟
- 1389 MiR-125b-5p抑制卵巢癌细胞的迁移和侵袭:基于靶向下调CD147的表达
黄 珍,沈浩明,邓红玉,孙丽莎,屈 斌
- 1403 AZD9291通过抑制PI3K-AKT-mTOR通路抑制鼻咽癌细胞的增殖和迁移
张恒毅,庞金龙,张语涵,马 月,范方田,刘 浩
- 1410 Nur77通过NF- κ B/IL-6信号途径促进胃癌细胞的侵袭与迁移
李 蔚,石永康,郭玉华,田声望

1418 新型温敏性重组人釉原蛋白载体与传统丙二醇藻酸酯载体的体外测试效果比较
江文豪,钱垂文

临床研究

- 1267 CD40LG 是与浸润性乳腺癌肿瘤微环境中免疫和基质相关的预后标志物
郭 丽,马银玲,李 婷,李金平
- 1397 营养状况是影响临床预后的重要因素:基于 459 例急性前循环大血管闭塞性卒中急诊取栓治疗患者的回顾性分析
孙 毅,纪亚晨,吴康飞,王 昊,郭亚鹏,许向军,尚贤金,杨 倩,黄显军,周志明
- 1426 产后抑郁与初乳中转化生长因子-β水平的关系:90 例巢氏队列研究
熊紫玉,周乐鹏,陈静芬,李 萌,谢日华

封面图片:肿瘤坏死因子受体相关因子 6 (TRAF6) 是肿瘤坏死因子受体超家族的一员,其作为炎症反应的信号转换器在启动先天免疫反应中发挥关键作用。研究发现 TRAF6 通过内源性凋亡途径正调控牛分枝杆菌卡介苗 (BCG) 诱导的 RAW264.7 巨噬细胞凋亡,研究结果为靶向凋亡途径提高结核病治疗手段提供新的理论依据 (马沁梅, 宁夏大学, 正文见本期 1279~1287 页)。

主 编:陈敏生
编辑部主任:陈望忠
本期责任编辑:孙昌朋
英文责任编辑:宋建武
本期技术编辑:林立华
本期责任校对:吴锦雅 经 媛 余诗诗 林 萍
本期责任编务:刘红艳
期刊基本参数:CN 44-1627/R*1981*m*A4*120*zh+en*P*¥ 10:00*1500*21*2022-09
出 版 日 期:2022-09-20

NANFANG YIKE DAXUE XUEBAO

Journal of Southern Medical University

Volume 42 Number 9 September 2022

Contents

Basic Research

- 1279 TRAF6 promotes *Bacillus Calmette-Guérin*-induced macrophage apoptosis through the intrinsic apoptosis pathway
MA Qinmei, LIU Li, YU Jialin, GONG Zhaoqian, WANG Xiaoping, WU Xiaoling, DENG Guangcun
- 1288 DNAM-1 regulates the proliferation and function of T regulatory type 1 cells *via* the IL-2/STAT5 pathway
WANG Ning, WANG Yihan, JIANG Pengtao, LÜ Minghua, HU Zhifang, XU Xi
- 1296 PCGF1 is highly expressed in rectal adenocarcinoma and silencing PCGF1 inhibits proliferation of rectal adenocarcinoma cells *in vitro*
ZENG Yinzheng, FAN Rong
- 1303 miRNA-26a reduces vascular smooth muscle cell calcification by regulating connective tissue growth factor
WU Wei, CHENG Long, WANG Jie, YANG Chuanlei, SHANG Yuqiang
- 1309 Nonlocal low-rank and sparse matrix decomposition for low-dose cerebral perfusion CT image restoration
NIU Shanzhou, LIU Hong, LIU Peiyun, ZHANG Mengzhen, LI Shuo, LIANG Lijing, LI Nan, LIU Guoliang
- 1317 *Jiangtang Sanhuang* tablet inhibits endoplasmic reticulum stress and autophagy in diabetic mouse islet cells
ZHANG Wenjing, HU Zhaoting
- 1324 Changes of YAP activity at the early stage of nonalcoholic steatohepatitis and its spatiotemporal relationship with ductular reaction in mice
LIU Yaxue, LIANG Jia'en, ZENG Weilan, WANG Yan
- 1335 microRNA let-7g-3p regulates proliferation, migration, invasion and apoptosis of bladder cancer cells by targeting HMGB2
ZOU Zhenhai, CHENG Qi, LI Zhong, GAO Wuyue, SUN Wei, LIU Beibei, GUO Yuanyuan, LIU Jianmin
- 1344 Silencing CD46 and DSG2 in host A549 cells inhibits entry of human adenovirus type 3 and type 7 and reduces interleukin-8 release
YANG Zhongying, FU Yangxi, REN Luo, CHEN Shiyi, LIU Enmei, ZANG Na
- 1351 Exosomal FZD10 derived from non-small cell lung cancer cells promotes angiogenesis of human umbilical venous endothelial cells *in vitro*
WU Xiaofeng, ZHAN Riming, CHENG Dazhao, CHEN Li, WANG Tianyu, TANG Xudong
- 1359 Changes of myocardial calcium currents in rats with myocardial injury induced by running exercise during acute hypoxia
DAN Qing, BAI Jing, CAI Zhongqi, LIN Kun, LI Yang
- 1367 RHPN2 is highly expressed in osteosarcoma cells to promote cell proliferation and migration and inhibit apoptosis
LIU Zhiyu, FANG Fengzhu, LI Jing, ZHAO Guangyue, ZANG Quanjin, ZHANG Feng, DIE Jun
- 1374 Activation of cannabinoid receptor 2 alleviates acute lung injury in rats with lipopolysaccharide-induced sepsis
KANG Huiwen, JIANG Shoufang, SONG Qian, ZHANG Yili
- 1381 Indirubin relieves inflammatory injury of chondrocytes in a mouse model of osteoarthritis
CHEN Xin, QI Xiuchun, CAO Yujing, LI Yang, LI Haoliang, WANG Qianjin, AI Jinwei
- 1389 MiR-125b-5 suppresses ovarian cancer cell migration and invasion by targeted downregulation of CD147
HUANG Zhen, SHEN Haoming, DENG Hongyu, SUN Lisha, QŮ Bin
- 1403 AZD9291 suppresses proliferation and migration of nasopharyngeal carcinoma cells by inhibiting the PI3K-AKT-mTOR pathway
ZHANG Hengyi, PANG Jinlong, ZHANG Yuhang, MA Yue, FAN Fangtian, LIU Hao

- 1410 Nur77 promotes invasion and migration of gastric cancer cells through the NF- κ B/IL-6 pathway
LI Wei, SHI Yongkang, GUO Yuhua, TIAN Shengwang
- 1418 Comparison of a new thermosensitive rhAm carrier versus traditional PGA carrier for *in vitro* antibacterial activity and biocompatibility
JIANG Wenhao, QIAN Chuiwen

Clinical Research

- 1267 CD40LG is a novel immune- and stroma-related prognostic biomarker in the tumor microenvironment of invasive breast cancer
GUO Li, MA Yinling, LI Ting, LI Jinping
- 1397 Association of nutritional status with clinical outcomes of stroke patients with acute anterior circulation large vessel occlusion after emergency endovascular treatment
SUN Yi, JI Yachen, WU Kangfei, WANG Hao, GUO Yapeng, XU Xiangjun, SHANG Xianjin, YANG Qian, HUANG Xianjun, ZHOU Zhiming
- 1426 Association between postpartum depression and concentrations of transforming growth factor- β in human colostrum: a nested cohort study
XIONG Ziyu, ZHOU Lepeng, CHEN Jingfen, LI Meng, XIE Rihua

Cover image: As a member of the TNF receptor associated factor (TRAF) protein family, TRAF6 is a classic signal transducer for inflammatory signaling that plays a pivotal role in innate immunity activation. TRAF6 was found to positively regulate BCG-induced intrinsic apoptosis of RAW264.7 macrophages, which provides new theoretical basis for improving tuberculosis therapy by targeting the apoptosis pathway. Provided by MA Qinmei, Ningxia University. See full-text article on pages 1279-1287 in this issue.

Editor-in-Chief: CHEN Minsheng

Editorial Director: CHEN Wangzhong

Executive Editor: SUN Changpeng

English Editor: SONG Jianwu

Executive Technical Editor: LIN Lihua

Executive Proofreaders: WU Jinya JING Yuan YU Shishi LIN Ping

Photo Editor: LIU Hongyan

Publication Date: 2022-09-20