



ISSN 1673-4254
CN 44-1627/R

Journal of Southern Medical University

南方医科大学学报

2019
Volume 39
Number 11



- 美国 PMC (PubMed Central) 源期刊
- 美国《医学索引》(PubMed) 源期刊
- 《中文核心期刊要目总览(2017年版)》收录期刊
- 中国科学引文数据库(CSCD)源期刊
- 中国百种杰出学术期刊

万方数据

南方医科大学学报

第 39 卷 第 11 期 2019 年 11 月

目 次

基础研究

- 1265 阿托伐他汀对高胆固醇血症大鼠侧支血管中 LOX-1 和 eNOS 表达的影响
汤银娟,王建钧,关莹露,蔡维君,唐伟军,罗明英
- 1273 循环单核细胞和血浆中 GDF-15 和 NT-proBNP 对慢性心力衰竭的诊断及心血管事件的预测价值
乔香瑞,刘军辉,花蕊,卓小桢
- 1280 高尔基体磷蛋白 3 通过促进细胞自噬抑制紫杉醇诱导的 hela 细胞凋亡
王镇南,郑玉菡,黄海丽,何惠娟,贾庆明
- 1312 CircRNA_005647 通过结合 miR-27b-3p 抑制小鼠心肌成纤维细胞中纤维化相关基因表达
袁淑菁,梁景南,张铭,朱杰宁,潘蓉,李晖,曾妮,温艺红,易芷瑶,单志新
- 1320 基于多尺度小波残差网络的稀疏角度 CT 图像恢复
韦子权,王永波,陶熙,贾晓,边兆英,湛高峰,李明强,马昆,李彬,马建华
- 1329 外源性硫化氢通过抑制阴茎海绵体平滑肌细胞凋亡改善海绵体神经损伤大鼠勃起功能障碍
曾琴宇,何书华,钟立仁,王力,陈逢志,张海波,惠佳亮,韦安阳
- 1337 脓毒症通过抑制 AKT/GSK3 β 磷酸化导致骨骼肌细胞膜 nAChRs 聚集障碍
李天梅,刘力,王晓斌
- 1344 薄荷醇通过 mTOR 活化促进人支气管上皮细胞气道炎症相关因子的表达
陈海博,李敏超
- 1357 二甲双胍通过调控血管平滑肌肌动蛋白骨架系统抑制小鼠动脉粥样硬化形成
李挺,何铭垣,李忠豪,王德奖,徐颖怡,吴炜,燕翼
- 1364 基于开端同轴探头技术的肺癌转移和非转移淋巴结介电特性
孙颖,于洪峰,周地福,辛学刚,卢笛,蔡开灿,余学飞
- 1370 体表针刺电刺激诱发心室纤颤猪模型的构建
梁国栋,郑汝钢,管洪健,张旻海,袁慧琼,洪睫敏,武钢
- 1376 凤仙花、散沫花及海娜花对小鼠雄激素性脱发的治疗作用及其机制
郑雨诗,胡永轩,刘康兴,卢艳,胡燕卿,周洗苾

临床研究

- 1293 体质量指数联合腰围对 2 型糖尿病患者新发非酒精性脂肪肝的预测价值
王珊,张健,张卫欢,汪海涛,侯婧悦,张瑞秀,刘红芬,吴寿岭
- 1298 早期胃肠康复治疗机械通气的脓毒症伴急性胃肠损伤患者的有效性和安全性:34 例前瞻性、随机对照、先导试验
刘丹蕾,许卓谦,瞿长春,霍保善,赖汉齐,黎阳,刘斌,邓火金,王倩文,李杜娟,常平,李沙,王华

- 1305 二甲双胍、沙格列汀、达格列净三联短期强化降糖:54例新诊断2型糖尿病的多中心前瞻性临床试验
徐玉凤,吴佩丽,温伟恒,陈 宏
- 1350 唐氏筛查临界风险的非高龄孕妇有必要行无创性产前检测:6804例结果分析
杨兴坤,郭晓玲,钟 进,陈志华,吴水娟

技术方法

- 1287 重构肿瘤克隆单体型的改进生成树算法
耿 彧,赵仲孟,刘建业

综述

- 1381 CRISPR/Cas9文库筛选技术的发展及在肿瘤研究中的应用
雷 婷,肖 斌,何咏茵,曲 璟,孙朝晖,李林海

封面图片:二甲双胍、沙格列汀、达格列净三联口服短期强化降糖方案针对糖尿病多种发病机制,相互联合,取长补短,有效降糖的同时兼备减重优势,低血糖风险小,为血糖较高的新诊断2型糖尿病提供一种新的治疗策略(徐玉凤,南方医科大学珠江医院内分泌代谢科,正文见本期1305~1311页)。

主 编:陈敏生
编辑部主任:陈望忠
本期责任编辑:林 萍
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 孙昌朋 余诗诗
本期责任编辑:王 均 刘红艳
期刊基本参数:CN 44-1627/R*1981*m*A4*120*zh+en*P*¥ 10:00*1500*18*2019-11
出 版 日 期:2019-11-20

NANFANG YIKE DAXUE XUEBAO

Journal of Southern Medical University

Volume 39 Number 11 November 2019

Contents

Basic Research

- 1265 Effect of atorvastatin on LOX-1 and eNOS expression in collateral vessels of hypercholesterolemic rats
TANG Yinjuan, WANG Jianjun, GUAN Yinglu, CAI Weijun, TANG Weijun, LUO Mingying
- 1273 GDF-15 in plasma and circulating mononuclear cells and NT-proBNP for diagnosis of chronic heart failure and predicting cardiovascular disease events
QIAO Xiangrui, LIU Junhui, HUA Rui, ZHUO Xiaozhen
- 1280 Golgi phosphoprotein 3 overexpression inhibits paclitaxel-induced apoptosis in HeLa cells by promoting autophagy
WANG Zhennan, ZHENG Yuhan, HUANG Haili, HE Huijuan, JIA Qingming
- 1312 CircRNA_005647 inhibits expressions of fibrosis-related genes in mouse cardiac fibroblasts *via* sponging miR-27b-3p
YUAN Shujing, LIANG Jingnan, ZHANG Ming, ZHU Jiening, PAN Rong, LI Hui, ZENG Ni, WEN Yihong, YI Zhiyao, SHAN Zhixin
- 1320 Sparse-view CT image restoration *via* multiscale wavelet residual network
WEI Ziquan, WANG Yongbo, TAO Xi, JIA Xiao, BIAN Zhaoying, CHEN Gaofeng, LI Mingqiang, MA Kun, LI Bin, MA Jianhua
- 1329 Exogenous hydrogen sulfide improves erectile dysfunction by inhibiting apoptosis of corpus cavernosum smooth muscle cells in rats with cavernous nerve injury
ZENG Qinyu, HE Shuhua, ZHONG Liren, WANG Li, CHENG Fengzhi, ZHANG Haibo, HUI Jialiang, WEI Anyang
- 1337 Sepsis impairs aggregation of nicotinic acetylcholine receptors on murine skeletal muscle cell membranes by inhibiting AKT/GSK3 β phosphorylation
LI Tianmei, LIU Li, WANG Xiaobin
- 1344 Role of mammalian target of rapamycin activation in menthol-induced expressions of airway inflammation-related factors in human bronchial epithelial cells *in vitro*
CHEN Haibo, LI Minchao
- 1357 Metformin inhibits aortic atherosclerosis in mice by regulating actin skeleton in vascular smooth muscle cells
LI Ting, HE Mingyuan, LI Zhonghao, WANG Dejiang, XU Yingyi, WU Wei, YAN Yi
- 1364 Analysis of dielectric properties of metastatic and non-metastatic lymph nodes from lung cancer surgeries using an open-ended coaxial probe
SUN Ying, YU Hongfeng, ZHOU Difu, XIN Xuegang, LU Di, CAI Kaican, YU Xuefei
- 1370 A new method for establishing a ventricular fibrillation model by TCEI in Tibetan miniature pig
LIANG Guodong, ZHENG Rugang, JIAN Hongjian, ZHANG Minhai, YUAN Huiqiong, HONG Jiemin, WU Gang
- 1376 Therapeutic effect of *Impatiens balsamina*, *Lawsonia inermis* L. and *Henna* on androgenetic alopecia in mice
ZHENG Yushi, HU Yongxuan, LIU Kangxing, LU Yan, HU Yanqing, ZHOU Xianyi

Clinical Research

- 1293 Predictive value of body mass index combined with waist circumference for new-onset nonalcoholic fatty liver disease in patients with type 2 diabetes mellitus
WANG Shan, ZHANG Jian, ZHANG Weihuan, WANG Haitao, HOU Jingyue, ZHANG Ruixiu, LIU Hongfen, WU Shouling
- 1298 Efficacy and safety of early physical therapy for acute gastrointestinal injury during mechanical ventilation in patients with sepsis: a randomized controlled pilot trial
LIU Danlei, XU Zhouqian, QU Changchun, HUO Baoshan, LAI Hanqi, LI Yang, LIU Bin, DENG Huojin, WANG Qianwen, LI Dujuan, CHANG Ping, LI Sha, WANG Hua

- 1305 Short-term intensive combined therapy with metformin, sagliptin and dapagliflozin for newly diagnosed type 2 diabetes: efficacy, weight control and safety
XU Yufeng, WU Peili, WEN Weiheng, CHEN Hong
- 1350 Noninvasive prenatal genetic testing in 6804 pregnant women aged less than 35 years with positive results in serum screening
YANG Xingkun, GUO Xiaoling, ZHONG Jin, CHEN Zhihua, WU Shuijuan

Techniques and Methods

- 1287 Reconstruction of tumor clonal haplotypes based on an improved spanning algorithm
GENG Yu, ZHAO Zhongmeng, LIU Jianye

Review

- 1381 Development and applications of CRISPR/Cas9 library screening technology in cancer research
LEI Ting, XIAO Bin, HE Yongyin, QU Jing, SUN Zhaohui, LI Linhai

Cover image: The image shows that the short-term triple intensive glucose-lowering regimen with metformin, sagliptin and dapagliflozin is aimed at multiple pathogenesis of diabetes to effectively reduce blood glucose and control body weight, thus providing a new strategy for treatment of newly diagnosed type 2 diabetes with high blood glucose levels. Provided by XU Yufeng, Department of Endocrinology, Zhujiang Hospital, Southern Medical University. See the full-text article on page 1305-1311 in this issue.

Editor-in-Chief: CHEN Minsheng
Editorial Director: CHEN Wangzhong
Executive Editor: LIN Ping
English Editor: SONG Jianwu
Executive Technical Editor: LIN Lihua
Executive Proofreaders: WU Jinya SUN Changpeng YU Shishi
Photo Editor: WANG Jun LIU Hongyan
Publication Date: 2019-11-20