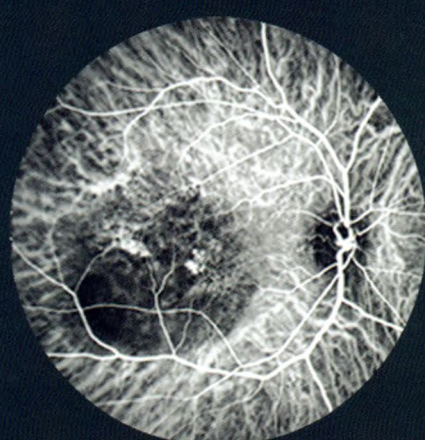
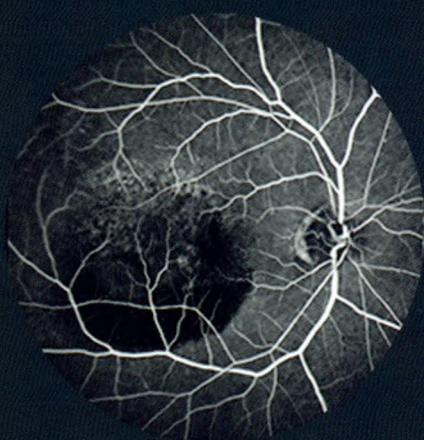


ISSN 1673-4254
CN 44-1627/R

南方医科大学学报

NANFANG YIKE DAXUE XUEBAO
Journal of Southern Medical University



2

2017

Vol.37 No.2

南方医科大学学报

第 37 卷 第 2 期 2017 年 2 月

目 次

基础研究

- 150 右美托咪定对谷氨酸所致PC12细胞损伤的保护作用及其机制
张卫东,张浩,汪海,张娜,杜春彦,余军,冯泽国
- 172 全反式视黄酸预防性给药可减轻类风湿关节炎模型大鼠的炎症
曾香,单靖焱,刘杨,宁艳花,谢雪健,申雨燕,宋杰,李云
- 178 红景天苷通过抑制NOX2-ROS-MAPKs信号途径保护H₂O₂诱导的PC12细胞凋亡
戚之琳,刘银华,齐世美,凌烈锋,冯遵永,李强
- 199 miRNA-140-5p在人骨髓间充质干细胞成脂分化中的表达及其靶基因的预测
汪涛,颜瑞巧,曹俊,曹玲玲,张铨浦,李兴暖,吴萍,周小鸥,吴建芳,许晓源
- 204 大鼠脊髓背角胶状质神经元的去极化反跳及调控机制
李凌超,张达颖,彭斯聪,吴静,蒋昌宇,柳涛
- 216 低氧环境下丙泊酚可增加PC12细胞的凋亡
孙茫,沈炼桔,刘阳,于晴,龙春兰,李上莹莹,涂生芬
- 221 视黄醇对人脐带间充质干细胞表皮生长因子、干细胞因子、集落刺激因子1和白血病抑制因子的影响
卓华丽,白利鹏,刘丹,余树民,李丹婷,刘茜,宋品,曹随忠,沈留红
- 226 桃儿七可促进慢性粒细胞白血病K562细胞的凋亡
周芳竹,王欣,代安亚,黄峥兰,李会,黄宁姝,冯文莉
- 232 沉默HERC4表达可抑制宫颈癌细胞的增殖、凋亡和迁移
危敏,张艳玲,陈岚,蔡翠霞,王涵多
- 256 Brugada综合征SCN5A基因G1712C突变的功能分析
陈燕玉,刘深荣,谢亮真,朱庭延,陈益臻,邓晓江,孟素荣,彭健

临床研究

- 157 子宫内膜癌中MAP2K4和波形蛋白的表达及临床意义
刘春花,江庆萍,林丹,陈炜,肖艳怡,林莉,邓渊润,蒋惠萍,郭遂群
- 165 光学相干断层扫描诊断息肉状脉络膜血管病变的敏感性和特异性
张怡,姚静,王肖华,赵琳,王丽君,王建明,周爱意
- 184 健康促进生活方式对亚健康状态转化的影响
陈洁瑜,余克强,孙晓敏,陈泽伟,邝柳燕,姬彦兆,赵晓山,罗仁
- 192 复发性外阴阴道假丝酵母菌病患者阴道微生物的动态变化
马啸,蔡慧华,何彦,郑慧敏,康玲,周宏伟,刘木彪
- 238 宣威地区肺腺癌病人肺组织特异miRNAs表达谱和靶基因及其信号通路预测
陈帅,周永春,陈颖,陈小波,李光剑,杨加鹏,雷玉洁,赵光强,黄秋博,杨长绍,杜亚茜,黄云超

- 251 腹腔镜肾盂切开取石术与经皮肾镜碎石取石术在大于2.5 cm肾盂结石处理中的临床效果比较
蒲小勇,刘久敏,毕学成,李 东,黄 尚,冯彦华,林楚琪
- 261 细胞色素P450 3A4+894C>T基因多态性与急性冠脉综合症患者冠状动脉介入术预后的关系
李 辉,李妙男,康品方,李 扬,汤 阳,卢冬雨,史晓俊,王洪巨
- 266 循环肿瘤细胞和播散肿瘤细胞对食管癌患者预后的meta分析
石晓欣,安建虹,黄业恩,张耀忠,黄卓雅,邹振宁,陈 清,申 洪
- 274 中青年分化型甲状腺癌患者术后复发与生存分析
邵礼成,管洪健,陈广辉,梁蕴谊,黄文柱

流行病学调查

- 141 中国南方汉族人群20个常染色体STR基因座的多态性分析
陈 玲,陆慧洁,杜蔚安,邱平明,刘 超

技术方法

- 210 基于核酸适体的比色技术检测肿瘤标志物VEGF
刘景荣,潘云苓,赵燕苹,刘美岑,陈敬华,李春艳
- 245 基于多分辨率和区域增长的两点Dixon水脂分离技术
刘鏖水,张 晶,程军营,华 佳,冯衍秋

综述

- 278 肠道菌群与骨质疏松关系的研究进展
黄永铨,江 涛,苏海涛,罗毅文,侯秋科

封面图片:图片为一只息肉状脉络膜血管病变(PCV)患眼的彩色眼底照相、FFA、ICGA、SD OCT图像。SD OCT图像显示了硬性渗出、代表息肉的低反射腔、尖锐的视网膜色素上皮脱离峰及切迹等特征,与彩色眼底照相、FFA、ICGA所示的病变部位相对应。SD OCT诊断PCV具有高敏感性及特异性(张 怡,西安交通大学第二附属医院眼科,正文见本期165~171页)。

主 编:陈敏生
编辑部主任:陈望忠
本期责任编辑:吴锦雅
英文责任编辑:宋建武
本期技术编辑:张 青
本期责任校对:孙昌朋 经 媛
本期责任编务: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*23*2017-02

Journal of Southern Medical University

Volume 37 Number 2 February 2017

Contents

Basic Research

- 150 Protective effect of dexmedetomidine against glutamate-induced cytotoxicity in PC12 cells and its mechanism
ZHANG Weidong, ZHANG Hao, WANG Hai, ZHANG Na, DU Chunyan, YU Jun, FENG Zeguo
- 172 Prophylactic administration of all-trans retinoic acid alleviates inflammation in rats with collagen-induced arthritis
ZENG Xiang, SHAN Jingyan, LIU Yang, NING Yanhua, XIE Xuejian, SHEN Yuyan, SONG Jie, LI Yun
- 178 Salidroside protects PC12 cells from H₂O₂-induced apoptosis via suppressing NOX2-ROS-MAPKs signaling pathway
QI Zhilin, LIU Yinhua, QI Shimei, LING Liefeng, FENG Zunyong, LI Qiang
- 199 Expression of miR-140-5p and prediction of its target gene in human mesenchymal stem cells during adipogenic differentiation
WANG Tao, YAN Ruiqiao, CAO Jun, CAO Lingling, ZHANG Xuanpu, LI Xingnuan, WU Ping, ZHOU Xiaou, WU Jianfang, XU Xiaoyuan
- 204 Rebound depolarization of substantia gelatinosa neurons and its modulatory mechanisms in rat spinal dorsal horn
LI Lingchao, ZHANG Daying, PENG Sicong, WU Jing, JIANG Changyu, LIU Tao
- 216 Effect of propofol on apoptosis of PC12 cells under hypoxic condition and the mechanism
SUN Mang, SHEN Lianju, LIU Yang, YU Qing, LONG Chunlan, LI Shangyingying, TU Shengfen
- 221 Effects of retinol on expressions of epidermal growth factor, stem cell factor, colony-stimulating factor 1 and leukemia inhibitory factor in human umbilical cord-derived mesenchymal stem cells
ZHUO Huali, BAI Lipeng, LIU Dan, YU Shumin, LI Danting, LIU Qian, SONG Pin, CAO Suizhong, SHEN Liuhong
- 226 Effects of *Sinopodophyllum hexundrum* on apoptosis in K562 cells
ZHOU Fangzhu, WANG Xin, DAI Anya, HUANG Zhenglan, LI Hui, HUANG Ningshu, FENG Wenli
- 232 RNA interference of HERC4 inhibits proliferation, apoptosis and migration of cervical cancer Hela cells
WEI Min, ZHANG Yanling, CHEN Lan, CAI Cuixia, WANG Handuo
- 256 Functional analysis of a novel SCN5A mutation G1712C identified in Brugada syndrome
CHEN Yanyu, LIU Shenrong, XIE Liangzhen, ZHU Tingyan, CHEN Yizhen, DENG Xiaojiang, MENG Surong, PENG Jian

Clinical Research

- 157 Coexpression of MAP2K4 and vimentin proteins in human endometrial carcinoma and its clinicopathological significance
LIU Chunhua, JIANG Qingping, LIN Dan, CHEN Wei, XIAO Yanyi, LIN Li, DENG Yuanrun, JIANG Huiping, GUO Suiqun
- 165 Sensitivity and specificity of optical coherence tomography in diagnosing polypoidal choroidal vasculopathy
ZHANG Yi, YAO Jing, WANG Xiaohua, ZHAO Lin, WANG Lijun, WANG Jianming, ZHOU Aiyi
- 184 Effect of health-promoting lifestyle on outcomes of suboptimal health status
CHEN Jieyu, YU Keqiang, SUN Xiaomin, CHEN Zewei, KUANG Liuyan, JI Yanzhao, ZHAO Xiaoshan, LUO Ren
- 192 Longitudinal analysis of vaginal microbiota in women with recurrent vulvovaginal candidiasis
MA Xiao, CAI Huihua, HE Yan, ZHENG Huimin, KANG Ling, ZHOU Hongwei, LIU Mubiao
- 238 Specific microRNA expression profiles of lung adenocarcinoma in Xuanwei region and bioinformatic analysis for predicting their target genes and related signaling pathways
CHEN Shuai, ZHOU Yongchun, CHEN Ying, CHEN Xiaobo, LI Guangjian, YANG Jiapeng, LEI Yujie, ZHAO Guangqiang, HUANG Qiubo, YANG Changshao, DU Yaxi, HUANG Yunchao
- 251 Comparison of laparoscopic pyelolithotomy and percutaneous nephrolithotomy for renal pelvic stones larger than 2.5 cm
PU Xiaoyong, LIU Jiumin, BI Xuecheng, LI Dong, HUANG Shang, FENG Yanhua, LIN Chuqi

- 261 Correlation between cytochrome 3A4+894C>T P450 gene polymorphism and outcomes of coronary intervention in patients with acute coronary syndrome
LI Hui, LI Miaonan, KANG Pinfang, LI Yang, TANG Yang, LU Dongyu, SHI Xiaojun, WANG Hongju
- 266 Prognostic value of circulating tumor cells and disseminated tumor cells in patients with esophageal cancer: a meta-analysis
SHI Xiaoxin, AN Jianhong, HUANG Yeen, ZHANG Yaozhong, HUANG Zhuoya, ZOU Zhenning, CHEN Qing, SHEN Hong
- 274 Recurrence and survival analysis of postoperative patients aged 25 to 59 years with differentiated thyroid carcinoma
SHAO Licheng, JIAN Hongjian, CHEN Guanghui, LIANG Yunyi, HUANG Wenzhu

Epidemiological Investigation

- 141 Polymorphism analysis of 20 autosomal short-tandem repeat loci in southern Chinese Han population
CHEN Ling, LU Huijie, DU Weian, QIU Pingming, LIU Chao

Techniques and Methods

- 210 A colorimetric method for vascular endothelial growth factor detection based on aptamer and magnetic beads
LIU Jingrong, PAN Yunling, ZHAO Yanping, LIU Meicen, CHEN Jinghua, LI Chunyan
- 245 A two-point Dixon technique for water-fat separation using multiresolution and region-growing algorithm
LIU Biaoshui, ZHANG Jing, CHENG Junying, HUA Jia, FENG Yanqiu

Review

- 278 Gut microbiota and osteoporosis
HUANG Yongquan, JIANG Tao, SU Haitao, LUO Yiwen, HOU Qiuke

Cover image: Provided by ZHANG Yi, Department of Ophthalmology, Second Affiliated Hospital of Xi'an Jiaotong University. The image shows the features on fundus photography, angiography and SD OCT images in an eye diagnosed as PCV. The diagnostic criteria for PCV based on SD OCT findings shows a high sensitivity and specificity. See full-text article on page 165-171 in this issue.

Editor-in-Chief: CHEN Minsheng
Editorial Director: CHEN Wangzhong
Executive Editor: WU Jinya
English Editor: SONG Jianwu
Executive Technical Editor: ZHANG Qing
Executive Proofreaders: SUN Changpeng JING Yuan
Photo Editor: WANG Jun
Editorial Assistant: LIU Hongyan



中国精品科技期刊 中国百种杰出学术期刊

- ★ 美国《医学索引》(Medline/PubMed)源期刊
- ★ 美国《化学文摘》(CA)源期刊
- ★ 荷兰《医学文摘》(EMBASE)收录期刊
- ★ 荷兰 Scopus 收录期刊
- ★ 《中文核心期刊要目总览(2014年版)》收录期刊
- ★ 中国科学引文数据库(CSCD)源期刊
- ★ 中国核心期刊(遴选)数据库源期刊
- ★ 中国精品科技期刊
- ★ RCCSE 中国权威学术期刊
- ★ 中国高校精品科技期刊

南方医科大学学报

2017年2月20日 第37卷第2期

月刊 1981年创刊

主管单位 广东省教育厅

主办单位 南方医科大学

编辑出版 南方医科大学学报编辑部

510515 广州市广州大道北1838号

电话:020-61648175,61647352 传真:020-61648778

网址: www.j-smu.com 电子邮箱: xbbjb@fimmu.com

主编 陈敏生

印刷单位 广州市艺彩印务有限公司

国内发行 广东省报刊发行局

发行范围 国内外

国内订购 全国各地邮局

国外订购 中国出版对外贸易总公司(北京782信箱)

Journal of Southern Medical University

Vol.37 No.2 February 2017

Monthly, Founded in 1981

Responsible Institution Department of Education of
Guangdong Province

Sponsored by Southern Medical University

Edited and Published by Editorial Department of Journal
of Southern Medical University, Guangzhou 510515, China

Tel: 86-20-61648175, 61647352 Fax: 86-20-61648778

Http://www.j-smu.com, E-mail: xbbjb@fimmu.com

Editor-in-Chief: CHEN Minsheng

Printed by Guangzhou Yi Cai Printing Co., Ltd

Subscription

Domestic: Local Post Offices

Foreign: China National Publications Trading

Export Corporation (P.O.Box. 782, Beijing, China)

ISSN 1673-4254

CN 44-1627/R

国内邮发代号:46-10

国内定价:10.00元/册

欢迎关注《南方医科大学学报》微信平台
合作致电: 010-57893380



ISSN 1673-4254



万方数据