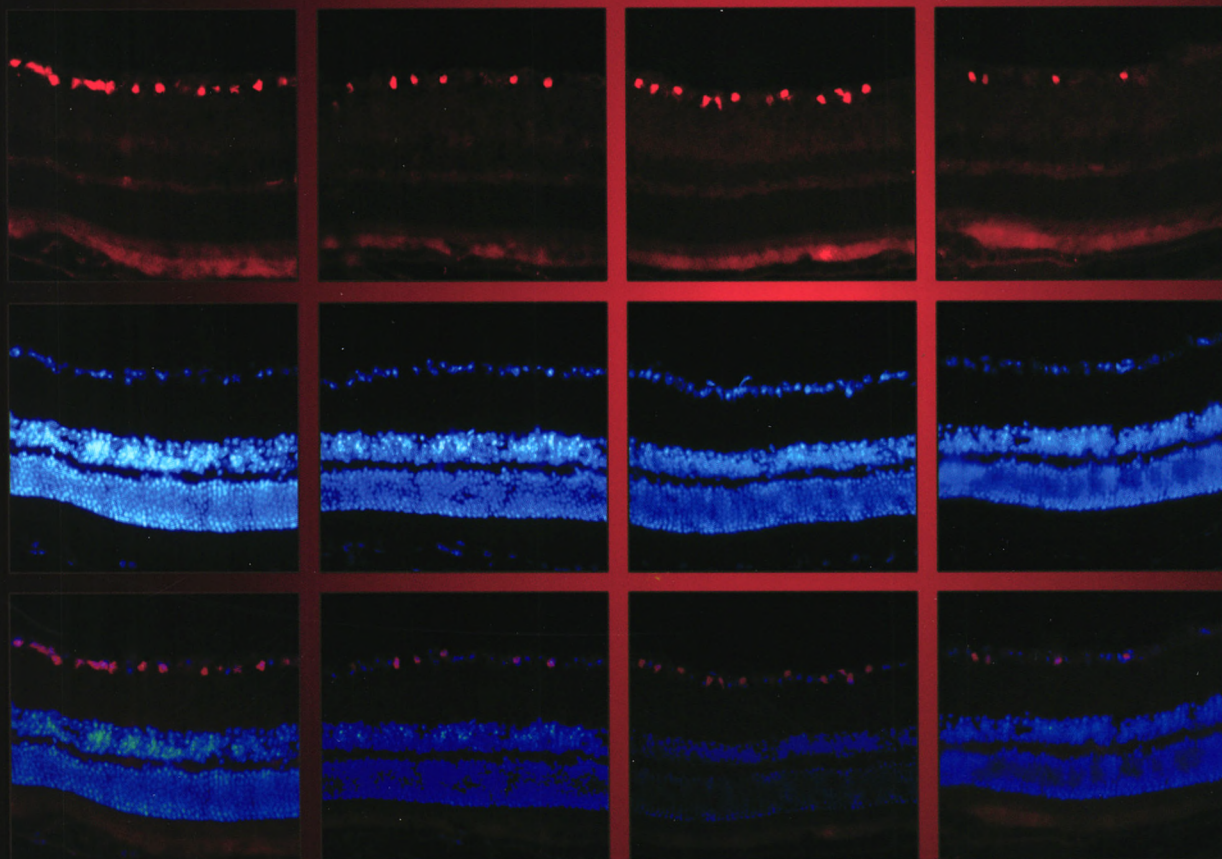


ISSN 1673-4254
CN 44-1627/R

南方医科大学学报

NANFANG YIKE DAXUE XUEBAO
Journal of Southern Medical University



12

2012

Vol.32 No.12

卷 终

南方医科大学学报

第 32 卷 第 12 期 2012 年 12 月

目 次

基础研究

- 1683 比较研究 C57BL/6 和 eNOS^{+/+} 小鼠 1 型糖尿病模型的视网膜病变
刘 玉, 蔺 涛, 雷 博
- 1689 AQP1 在维甲酸诱导红白血病细胞红系分化中的作用
危 敏, 石 嵘, 姜 立, 王妮莎, 马文丽
- 1695 阿仑膦酸盐对成骨细胞相关基因 RANKL、OPG 表达的影响
董 伟, 戚孟春, 邓久鹏, 陈洪伟, 冯晓洁, 廖囡囡
- 1699 祛风通络方对肾小球系膜细胞周期蛋白表达的影响
吴喜利, 孙万森, 叶冰玉, 安 鹏, 石兴民, 傅荣国, 王 竹, 乔成林
- 1704 整合素 $\alpha 9 \beta 1$ 对大鼠角膜缝线术后新生血管形成及血管内皮生长因子 A 表达的影响
吴 静, 赵 敏
- 1708 阿托伐他汀对老年大鼠多器官内皮型一氧化氮合酶的影响及其在心肌缺血再灌注中的作用
张今尧, 王 浩, 叶 平
- 1713 柯萨奇病毒 A16 型 VP1~VP4 基因克隆及其表达产物的抗原相关性分析
宋远斌, 何思杰, 余 楠, 陈欣欣, 王 斌, 车小燕, 曾其毅
- 1718 工程化人胃癌裸鼠原位模型的建立及其活体荧光成像观察
孙培鸣, 金润森, 杜晓辉, 徐迎新, 孙慧伟, 李 荣
- 1730 小腿肌肉移植骨髓间充质干细胞治疗大鼠糖尿病足溃疡的疗效观察
万江波, 蔡 黔, 刘 毅
- 1737 HIV-1 CRF07_BC 毒株 gp41 NHR 结构域 N51 的表达及结构分析
邵继平, 姜世勃, 刘叔文
- 1741 RNA 干扰抑制 CD133 表达对 CD133⁺ 肝癌干细胞增殖和化疗敏感性的影响
兰 曦, 王 勇, 曹 妹, 邹冬玲, 李 芳, 李少林
- 1752 Let-7d 表达质粒的构建及其对卵巢癌细胞高迁移率 A2 蛋白及 ras 蛋白表达的抑制作用
叶海燕, 陈建国, 黄小穗, 郭爱林, 郝佩佩
- 1758 邻苯二甲酸二乙基己酯及代谢产物邻苯二甲酸-单-2-乙基己酯对雄性幼鼠生精细胞凋亡的影响
杨俊杰, 马 洪, 李 静, 刘 红, 张伟同, 周永正, 赵 鹏
- 1764 高迁移率族蛋白 B1 协同白介素-1 β 可增加人气道上皮细胞白介素-8 的表达
张丹丹, 赵海金, 周丽芹, 宋甲富, 董航明, 邹 飞, 蔡绍曦
- 1787 蛋白激酶 C 抑制剂对高糖致血管内皮细胞高通透性的保护作用
邹梦晨, 薛耀明
- 1792 罗格列酮对 RAW264.7 巨噬细胞源性泡沫细胞内胆固醇含量及 SR-B I 表达的影响
徐 芳, 蒙 颖, 王志禄, 李万玲, 贾军正, 郭文芬, 谢宛霞, 胡海英, 胡旭堂
- 1796 KLK10 基因表达增强能够降低人舌癌细胞的增殖和侵袭能力
郑 红, 张文玲, 王笑玉, 赵国强
- 1824 六味地黄丸改善 OLETF 鼠肝脏胰岛素抵抗的实验研究
杜 华, 薛耀明, 朱 波
- 1828 环巴胺对人食管癌 EC109 细胞转移的影响及作用机制
左小平, 秦治明, 王凯斌, 郑相如, 陈立前

临床研究

- 1727 睡眠呼吸暂停综合征患者的持续气道正压通气治疗压力预测
韩建芳,李涛平,冯 媛,李丹青,李晓琳,罗 森
- 1768 尘肺观察对象的CT定量分析
夏露花,吕富荣,王 伊,盛 波,周绍全
- 1773 1型登革病毒初次感染患者血清中和抗体的动态反应分析
胡冬梅,李 洁,王大虎,狄 飏,丘立文,王压娣,丁细霞,车小燕
- 1781 Wnt2、Wnt3a和β-catenin在硬皮病患者皮损中的作用
刘金娟,刘 彤
- 1800 原发性大隐静脉曲张手术中钩区的骨骼化处理和疗效
周忠信,叶 玲,刘正军
- 1804 HBeAg阴性慢性乙型肝炎患者乙肝病毒基因变异和分型研究
苏 荣,罗 娜,杨延斌,庄健海,黄星华
- 1808 40岁以上成人法乐氏四联症的外科矫治
简旭华,黄劲松,庄 建,吴若彬,肖学钧,郑少忆,吴 敏
- 1812 广州市某体检人群高尿酸血症患病率及相关危险因素分析
马文峰,陈锦华,王万山,周 娅,俞守义
- 1816 心肌梗死后心力衰竭患者经不同剂量培哚普利治疗后心肌能量消耗水平的变化
梁健球,白书昌,许顶立
- 1820 Barrett食管CK7/20的表达方式及其意义
王瑞华,谢建国,沈玉玲,任婷婷
- 1833 广州地区无偿献血者抗-Mur筛查及Mur抗原基因型检测
魏 玲,姬艳丽,莫春妍,张润青,赵 阳,骆 宏,王 贞,罗广平
- 1836 腹腔镜辅助下侧脑室经腹腔暂时性外引流治疗脑积水
陈建发,刘长续,朱红胜,傅 明,林福祿,刘 君,谢奎龙,李 萍
- 1839 厄洛替尼治疗老年晚期非小细胞肺癌的疗效
孙长江,张西志,陈 勇

技术方法

- 1722 小鼠慢性病毒性肝炎诱发肝脂肪变性模型的构建
甘 露,张 哲,郭进强,谢 茜,蒙子君,万为人,罗炳德
- 1748 一种快速去除CT环形伪影的方法
齐宏亮,洪 虹,徐 圆,甄 鑫,卢文婷,周凌宏
- 1777 应用SPSS软件实现二分类重复测量资料的GEE及GLMMs分析
安胜利,张燕虹,陈 征

1763 撤稿声明

封面图片:小鼠眼球横切片上视网膜神经节细胞染色(刘玉,重庆医科大学附属第一医院眼科,见正文1683页)。采用eNOS^{+/+}和C57BL/6小鼠糖尿病组及对照组的眼球,应用Bm3a抗体行视网膜神经节细胞染色,荧光照相采集图像后Adobe Photoshop CS4进行图像处理。该图直观说明糖尿病小鼠的RGCs数量较对照鼠减少,且eNOS^{+/+}糖尿病鼠比C57BL/6糖尿病鼠减少更显著。

主 编:陈敏生
编辑部主任:陈望忠
英文责任编辑:宋建武
本期责任校对:黄开颜 吴锦雅
本期责任编辑:孙昌朋
本期技术编辑:张 青
本期责任编务:王 均 刘红艳
期刊基本参数:CN44-1152/R*1981*m*A4*120*zh+en*P* ¥ 10:00*1500*35*2012-12

Journal of Southern Medical University

Volume 32 Number 12 December 2012

Contents

Basic Research

- 1683** Comparative study of retinopathy in C57BL/6 and eNOS-knockout mouse models of type 1 diabetes mellitus
LIU Yu, LIN Tao, LEI Bo
- 1689** Role of aquaporin-1 gene in erythroid differentiation of erythroleukemia K562 cells induced by retinoic acid
WEI Min, SHI Rong, JIANG Li, WANG Nisha, MA Wenli
- 1695** Effect of alendronate on expressions of osteoprotegerin and receptor activator of nuclear factor κ B ligand in mouse osteoblasts
DONG Wei, QI Mengchun, DENG Jiupeng, CHEN Hongwei, FENG Xiaojie, LIAO Nannan
- 1699** Effects of Qufengtongluo Recipe on expressions of cell cycle regulatory proteins in rat mesangial cells
WU Xili, SUN Wansen, YE Bingyu, AN Peng, SHI Xingmin, FU Rongguo, WANG Zhu, QIAO Chenglin
- 1704** Effect of integrin $\alpha 9\beta 1$ on corneal neovascularization and vascular endothelial growth factor A expression after corneal suture in rats
WU Jing, ZHAO Min
- 1708** Effect of atorvastatin on eNOS synthesis in organs of aging rats with myocardial ischemia-reperfusion
ZHANG Jinyao, WANG Hao, YE Ping
- 1713** Cloning, expression and antigenic analysis of VP1-VP4 gene encoding the structural protein of Coxsackie virus A16
SONG Yuanbin, HE Sijie, YU Nan, CHEN Xinxin, WANG Bin, CHE Xiaoyan, ZENG Qiyi
- 1718** Establishment of a nude mouse model of orthotopic engineered gastric tumor and its *in vivo* fluorescence imaging
SUN Peiming, JIN Runsen, DU Xiaohui, XU Yingxin, SUN Huiwei, LI Rong
- 1730** Effect of intramuscular bone marrow-derived mesenchymal stem cell transplantation in the leg for treatment of diabetic foot ulcers in rats
WAN Jiangbo, CAI Qian, LIU Yi
- 1737** Expression, structure and antigenicity analysis of N51 derived from the N-terminal heptad repeat domain in gp41 of HIV-1 CRF07_BC strain
SHAO Jiping, JIANG Shibo, LIU Shuwen
- 1741** Lentivirus-mediated RNA interference of CD133 inhibits the proliferation of CD133⁺ liver cancer stem cells and increases their cisplatin chemosensitivity
LAN Xi, WANG Yong, CAO Shu, ZOU Dongling, LI Fang, LI Shaolin
- 1752** Construction of let-7d expression vector and its inhibitory effect on HMGA2 and ras expression in human ovarian cancer cells *in vitro*
YE Haiyan, CHEN Jianguo, HUANG Xiaosui, GUO Ailin, HAO Peipei
- 1758** Effect of di-(2-ethylhexyl)phthalate and its metabolite mono(2-ethylhexyl)phthalate on spermatogenic cell apoptosis in young male Wistar rats
YANG Junjie, MA Hongl, LI Jing, LIU Hong, ZHANG Weitong, ZHOU Yongzheng, ZHAO Peng
- 1764** High-mobility group box protein 1 in synergy with interleukin-1 β promotes interleukin-8 expression in human airway epithelial cells *in vitro*
ZHANG Dandan, ZHAO Haijin, ZHOU Liqin, SONG Jiafu, DONG Hangming, ZOU Fei, CAI Shaoxi
- 1787** Protective effect of protein kinase C inhibitor Ro-31-8425 against hyperpermeability of human umbilical vein endothelial cells exposed to high glucose *in vitro*
ZOU Mengchen, XUE Yaoming
- 1792** Effects of rosiglitazone on cholesterol contents and scavenger receptor class B type I expression in RAW264.7 foam cells
XU Fang, MENG Ying, WANG Zhilu, LI Wanling, JIA Junzheng, GUO Wenfen, XIE Wanxia, HU Haiying, HU Xutang
- 1796** Enhancement of kallikrein-related peptidase 10 expression attenuates proliferation and invasiveness of human tongue cancer cells *in vitro*
ZHENG Hong, ZHANG Wenling, WANG Xiaoyu, ZHAO Guoqiang
- 1824** Protective effects of *Liuweidihuangwan* on hepatic insulin resistance in OLETF rats
DU Hua, XUE Yaoming, ZHU Bo
- 1828** Inhibitory effect of cyclopamine on metastatic ability of EC109 cells and its mechanism
ZUO Xiaoping, QIN Zhiming, WANG Kaibin, ZHENG Xiangru, CHEN Liqian

Clinical Research

1727 Relationship of continuous positive airway pressure and pulmonary function in patients with obstructive sleep apnea-hypopnea syndrome
HAN Jianfang, LI Taoping, FENG Yuan, LI Danqing, LI Xiaolin, LUO Miao

1768 Computed tomography-based quantitative evaluation of pneumoconiosis
XIA Luhua, LÜ Furong, WANG Yi, SHENG Bo, ZHOU Shaoquan

1773 Analysis of serum neutralizing antibody response in patients with primary dengue virus type 1 infection
HU Dongmei, LI Jie, WANG Dahu, DI Biao, QIU Liwen, WANG Yadi, DING Xixia, CHE Xiaoyan

1781 Role of Wnt 2, Wnt 3a and β -catenin in skin lesions of patients with scleroderma
LIU Jinjuan, LIU Tong

1800 Skeletonization of the great saphenous vein at the saphenofemoral junction for primary varicosity: techniques and outcomes
ZHOU Zhongxin, YE Ling, LIU Zhengjun

1804 Genetic variation and typing of hepatitis B virus in patients with chronic hepatitis B negative for HBeAg
SU Rong, LUO Na, YANG Yanbin, ZHUANG Jianhai, HUANG Xinghua

1808 Surgical correction of tetralogy of Fallot in adults over 40 years of age
JIAN Xuhua, HUANG Jinsong, ZHUANG Jian, WU Ruobin, XIAO Xuejun, ZHENG Shaoyi, WU Min

1812 Analysis of prevalence and risk factors of hyperuricemia in subjects undergoing routine physical examinations in Guangzhou
MA Wenfeng, CHEN Jinhua, WANG Wanshan, ZHOU Ya, YU Shouyi

1816 Effect of different doses of perindopril on myocardial energy expenditure in patients with heart failure following myocardial infarction
LIANG Jianqiu, BAI Shuchang, XU Dingli

1820 Cytokeratin immunoreactivity patterns in the diagnosis of Barrett's esophagus
WANG Ruihua, XIE Jianguo, SHEN Yuling, REN Tingting

1833 Anti-Mur screening and Mur antigen genotyping of voluntary blood donors in Guangzhou
WEI Ling, JI Yanli, MO Chunyan, ZHANG Runqing, ZHAO Yang, LUO Hong, WANG Zhen, LUO Guangping

1836 Laparoscopic ventriculoperitoneal shunt with temporary external drainage for hydrocephalus: a comparison with conventional ventriculoperitoneal shunt
CHEN Jianfa, LIU Changxu, ZHU Hongsheng, FU Ming, LIN Fulu, LIU Jun, XIE Kuilong, LI Ping

1839 Therapeutic effect of erlotinib in elderly patients with advanced non-small cell lung cancer
SUN Changjiang, ZHANG Xizhi, CHEN Yong

Techniques and Methods

1722 Establishment of a murine model of hepatic steatosis induced by chronic viral hepatitis
GAN Lu, ZHANG Zhe, GUO Jinqiang, XIE Qian, MENG Zijun, WAN Weiren, LUO Bingde

1748 A method for rapidly removing ring artifacts in CT image
QI Hongliang, HONG Hong, XU Yuan, ZHEN Xin, LU Wenting, ZHOU Linghong

1777 Analysis of binary classification repeated measurement data with GEE and GLMMs using SPSS Software
AN Shengli, ZHANG Yanhong, CHEN Zheng

1763 Article Retraction

Cover image: Provided by Dr. LIU Yu from the Department of Ophthalmology, First Affiliated Hospital of Chongqing Medical University, Chongqing 400016, China. The images show the retinal ganglion cells labeled with Brn3a antibody and DAPI on radial sections of the eyeballs of eNOS gene knockout and C57BL/6 mice. See full-text article on page 1683 in this issue.

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