

南方医科大学学报

第 31 卷 第 1 期 2011 年 1 月

目 次

基础研究

- 不对称二甲基精氨酸对 THP-1 源性巨噬细胞表达 MIF 和分泌 TNF- α 、IL-8 的影响 朱振东, 喻卓, 张旋, 等(1)
- 人羊膜间充质细胞的分离培养及向胰岛样细胞诱导分化 彭琳, 王建, 卢光(5)
- 祛风通络方对阿霉素肾病大鼠蛋白尿及肾小球滤过膜的影响 马巧亚, 孙万森, 任艳芸, 等(11)
- 促红细胞生成素联合粒细胞集落刺激因子治疗大鼠急性心肌梗死 付振虹, 董蔚, 盖鲁粵, 等(17)
- 碘乙酰胺诱导成纤维细胞水通道蛋白 1 的表达具有能量依赖性 李尔然, 洪欣, 刘霞, 等(28)
- 甲基苯丙胺对 PC12 细胞的毒性损伤作用 李丽增, 王慧君, 兰江维, 等(39)
- 重组腺相关病毒协同重组腺病毒增强目的基因表达的体内试验 刘雄, 李刚, 李琦, 等(44)
- 悬浮培养乳腺癌干细胞放疗抵抗与 G2 期阻滞相关 田允鸿, 谢国柱, 任陈, 等(53)
- 中波紫外线致 16HBE 细胞损伤及其机制 吕超, 丁振华, 周美娟(57)
- 大学生亚健康状态和健康危险行为的相关性 蒋德勤, 姚荣英, 袁长江, 等(61)
- 人 NESG1 基因慢病毒载体的构建及其在 293FT 细胞中的表达 刘真, 甄艳, 于晓黎, 等(65)
- 去细胞化肝脏生物支架材料的制备 潘明新, 程远, 汪燕, 等(69)
- 白细胞介素-13 刺激大鼠气道黏液高分泌的分子机制 江德鹏, Victor P Kolosov, Juliy M Perelman, 等(73)
- 基于模型的耳蜗核反应特性研究 徐月晋, 周凌宏, 肖中举(77)
- 生理剂量的雄激素对去势小鼠主动脉线粒体 DNA 缺失突变的影响 张莉, 吴赛珠, 张帆, 等(82)
- 人单磷酸腺苷激活的蛋白激酶催化亚单位 $\alpha 2$ 基因 shRNA 载体的鉴定和表达 卢俊, 徐世元, 崔睿, 等(86)
- 补肾活血饮对帕金森病模型小鼠脑组织一氧化氮及 α -肿瘤坏死因子、 γ -干扰素的影响 李绍旦, 刘毅, 杨明会(90)
- 肿节风颗粒对小型猪腮腺放射损伤所致活性氧簇的清除作用 张海东, 王仁生, 马姗姗, 等(93)
- 慢性肾功能不全大鼠下丘脑、胃肠道 ghrelin 及其受体表达变化 付荣国, 袁浩铮, 王莉, 等(96)
- 新型右美沙芬咀嚼胶给药系统的药代动力学研究 刘娟, 谭群友, 刘碧林, 等(103)
- 外源性 BDE-209 对小鼠精子 DNA 的损伤 王志新, 段华英, 王玲, 等(108)
- 舒郁散对慢性应激抑郁大鼠神经肽及海马神经元 5-HT 表达的影响 陈利平, 孙艳, 王发渭, 等(113)
- 半结扎脑表面动脉构建大鼠局灶性淋巴滞留性脑病动物模型 肖端, 吕田明, 陆兵勤, 等(125)
- 结肠癌细胞体外模拟缺氧的相关研究 青青, 王媛媛, 张绍衡, 等(133)
- MRL/lpr 狼疮鼠肾组织中氧化状态及 γ -GCS 的表达 陈瑞林, 陶怡, 张北平, 等(138)
- 骨髓间充质干细胞对衰老大鼠的免疫调节作用 王志红, 郭坤元, 杨玉莲, 等(146)
- 丙泊酚对大鼠胚胎神经干细胞增殖及分化的影响 肖华平, 肖金仿, 古妙宁(171)

- 颞叶癫痫相关基因的生物信息学分析 周 烨,石 嵘,鲍 勇,等(180)
血管内皮细胞生长因子在重症急性胰腺炎大鼠中的表达及作用 李顺乐,陈 煦,张 涛,等(187)

临床研究

- hsa-miR-126 和 hsa-miR-518b 在食管鳞癌中的表达 蔡 患,王健生,张明鑫,等(23)
亚健康评定量表的信度效度研究 许 军,冯丽仪,罗 仁,等(33)
端粒酶逆转录酶基因单核苷酸部分位点多态性可能增加罹患肝癌和肝癌转移的风险
董 珍,王 玲,田亚平,等(49)
体质量指数对青少年学生血压升高的影响 陈友鹏,李 健,梁旭竟,等(100)
骨关节炎滑膜组织中缺氧诱导因子-1 α 、血管内皮生长因子的表达 段 鑫,李 奇,林荔军,等(117)
肝门静脉 64 排螺旋 CT 数据 Mimics 软件三维重建及其解剖变异 陶文强,侯致典,徐达传,等(121)
腹盆部 Castleman's 病的 CT、MRI 表现 肖 露,张忠林,刘于宝,等(129)
过氧化脲漂白剂对树脂修复体边缘微渗漏影响的实验研究 王晓玲,徐 娟,赵信义,等(141)
动态血糖监测系统对两种胰岛素治疗方案的疗效及安全性评价 曹 琛,张 倩,薛耀明,等(151)
前列腺癌中血管内皮生长因子-C、血管内皮生长因子受体-3 的表达与病理分级的相关性
陈 虎,赵国平,肖宁新,等(155)
术中磁共振成像技术用于神经外科手术的麻醉处理 孙 立,时文珠,公茂伟,等(160)
胰腺癌患者血清 CEACAM1 的测定及其诊断价值 龚道元,伏红霞,彭 艳,等(164)
Rho-GDI 在子痫前期蜕膜组织中的表达及其意义 冯亚玲,梁小勤,周昌菊(167)
47 例结核性脑膜炎误诊分析 胡 佳,张家堂,郎森阳,等(175)
实时三平面组织同步显像评价正常人左心室内心肌收缩的同步性 王 瑶,高长青,吴 扬,等(184)
老年退行性腰椎管狭窄症非手术治疗与手术治疗疗效比较 李永津,许鸿智,陈博来,等(190)
利什曼病误诊的系统评价及降低其误诊率探讨 夏洪娇,陈 波,彭可君,等(194)

封面图片:青草与寒梅(赵炜疆,汕头大学医学院神经科学中心)。恒河猴喉软骨及肌肉组织 DAPI 及细胞粘附分子染色,使用 Photoshop 软件将 DAPI 蓝色荧光信号调整为粉色,让人感受到一股如春的暖意正迎面扑来。

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:林立华 张 青

本期责任校对:黄开颜 陈望忠

本期责任编辑:王 均 刘红艳

期刊基本参数:CN44-1152/R*1981*m*A4*120*zh+en*p*Y10:00*1500*46*2011-01

Journal of Southern Medical University

Volume 31 Number 1 January 2011

Contents

Basic Research

- Effect of asymmetric dimethylarginine on MIF expression and TNF- α and IL-8 secretion in THP-1 monocytes-derived macrophages ZHU Zhen-dong, YU Zhuo, ZHANG Xuan, et al (1)
- Isolation of human amniotic mesenchymal cells and their differentiation potential into islet-like cells *in vitro* PENG Lin, WANG Jian, LU Guang-xiu (5)
- Effects of *Qufengtongluo* recipe on proteinuria and glomerular filtration membrane in rats with adriamycin-induced nephropathy MA Qiao-ya, SUN Wan-sen, REN Yan-yun, et al (11)
- Effect of erythropoietin combined with granulocyte-colony stimulating factor in the treatment of acute myocardial infarction in rats FU Zhen-hong, DONG Wei, GAI Lu-yue, et al (17)
- Iodoacetamide-induced aquaporin 1 expression in fibroblasts is energy-dependent LI Er-ran, HONG Xin, LIU Xia, et al (28)
- Primary investigation of methamphetamine-induced toxicity in PC12 cells LI Li-zeng, WANG Hui-jun, LAN Jiang-wei, et al (39)
- Enhancement of target gene expression by recombinant adeno-associated virus combined with recombinant adenovirus *in vivo* LIU Xiong, LI Gang, LI Qi, et al (44)
- Radiation-induced G2 phase arrest may contribute to the radioresistance of breast cancer stem cells TIAN Yun-hong, XIE Guo-zhu, REN Chen, et al (53)
- Mechanisms of ultraviolet B irradiation-induced injuries in 16HBE cells LÜ Chao, DING Zhen-hua, ZHOU Mei-juan (57)
- Correlation analysis of sub-health status and health-related risk behaviors in college students JIANG De-qin, YAO Rong-ying, YUAN Chang-jiang, et al (61)
- Construction of a lentiviral vector containing human NESG1 gene and its expression in 293FT cells LIU Zhen, ZHEN Yan, YU Xiao-li, et al (65)
- Preparation of a decellularized rat liver scaffold and its biocompatibility PAN Ming-xin, CHENG Yuan, WANG Yan, et al (69)
- Molecular mechanism of interleukin-13-induced mucus hypersecretion in rat airway JIANG De-peng, Victor P. Kolosov, Juliy M. Perelman, et al (73)
- Response properties of cochlear nucleus neurons: a digital model-based study XU Yue-jin, ZHOU Ling-hong, XIAO Zhong-ju (77)
- Effect of physiological doses of testosterone on mitochondrial DNA deletion in castrated mice ZHANG Li, WU Sai-zhu, ZHANG Fan, et al (82)
- Identification and expression of shRNA vectors targeting human AMPK α 2 LU Jun, XU Shi-yuan, CUI Rui, et al (86)
- Effect of *Bushenhuoxue Yin* on cerebral levels of nitric oxide, tumor necrosis factor- α and interferon- γ in a mouse model of Parkinson disease LI Shao-dan, LIU Yi, YANG Ming-hui (90)
- Scavenging effect of *Sarcandra glabra* powder on radiation-induced reactive oxygen species in the parotid gland of miniature pigs ZHANG Hai-dong, WANG Ren-sheng, MA Shan-shan, et al (93)
- Expression of ghrelin and its receptor GHS-R in the hypothalamus and gastrointestinal tract in rats with chronic renal failure FU Rong-guo, YUAN Hao-zheng, WANG Li, et al (96)
- Pharmacokinetic study of a new chewing gum dextromethorphan delivery system LIU Juan, TAN Qun-you, LIU Bi-lin, et al (103)
- Mouse sperm DNA damage induced by exogenous BDE-209 WANG Zhi-xin, DUAN Hua-ying, WANG Ling, et al (108)
- Effect of *Shuyusan* on neuropeptide Y and serotonin expression in the hippocampal neurons of rats with chronic mild unpredictable stress-induced depression CHEN Li-ping, SUN Yan, WANG Fa-wei, et al (113)
- A rat model of focal lymph encephalopathy established by partial ligation of the cerebral superficial artery XIAO Duan, LÜ Tian-ming, LU Bing-xun, et al (125)
- Changes in the biological behaviors of colon cancer cells under simulated hypoxia *in vitro* QING Qing, WANG Yuan-yuan, ZHANG Shao-heng, et al (133)
- Oxidation status and γ -glutamylcysteine synthetase expression in the kidney of MRL/lpr lupus mice CHEN Rui-lin, TAO Yi, ZHANG Bei-ping, et al (138)
- Effect of bone-marrow mesenchymal stem cells on the immune function of aging rats WANG Zhi-hong, GUO Kun-yuan, YANG Yu-lian, et al (146)

Effect of propofol on proliferation and differentiation of rat embryonic neural stem cells <i>in vitro</i>	XIAO Hua-ping, XIAO Jin-fang, GU Miao-ning (171)
Bioinformatic analysis of genes related to temporal epilepsy	ZHOU Ye, SHI Rong, BAO Yong, <i>et al</i> (180)
Role of vascular endothelial growth factor in rats with severe acute pancreatitis	LI Shun-le, CHEN Xi, ZHANG Ming, <i>et al</i> (187)

Clinical Research

Differential expression of hsa-miR-126 and hsa-miR-518b in esophageal squamous carcinoma	CAI Hui, WANG Jian-sheng, ZHANG Ming-xin, <i>et al</i> (23)
Assessment of the reliability and validity of the Sub-health Measurement Scale Version1.0	XU Jun, FENG Li-yi, LUO Ren, <i>et al</i> (33)
hTERT single nucleotide polymorphism is associated with increased risks of hepatocellular carcinoma and tumor metastasis	DONG Jin, WANG Ling, TIAN Ya-ping, <i>et al</i> (49)
Impact of body mass index on blood pressures in a college student population	CHEN You-peng, LI Jian, LIANG Xu-jing, <i>et al</i> (100)
Expression of hypoxia-inducible factor-1α and vascular endothelial growth factor in the synovium of patients with osteoarthritis	DUAN Xin, LI Qi, LIN Li-jun, <i>et al</i> (117)
Three-dimensional reconstruction and anatomic variation of the portal vein based on 64-slice spiral CT data	TAO Wen-qiang, HOU Zhi-dian, XU Da-chuan, <i>et al</i> (121)
CT and MRI features of Castleman's disease of the abdomen and pelvis	XIAO Lu, ZHANG Zhong-lin, LIU Yu-bao, <i>et al</i> (129)
Effect of carbamide peroxide bleaching agents on micro-leakage of composite resin interface <i>in vitro</i>	WANG Xiao-ling, XU Juan, ZHAO Xin-yi, <i>et al</i> (141)
Efficacy and safety evaluation of two insulin treatment protocols using a continuous glucose monitoring system	CAO Ying, ZHANG Qian, XUE Yao-ming, <i>et al</i> (151)
Correlation of the expressions of VEGF-C and VEGFR-3 to the pathological grade of prostate cancer	CHEN Hu, ZHAO Guo-ping, XIAO Ning-xin, <i>et al</i> (155)
Anesthetic management for neurosurgery using intraoperative magnetic resonance imaging	SUN Li, SHI Wen-zhu, GONG Mao-wei, <i>et al</i> (160)
Diagnostic value of serum CEACAM1 in patients with pancreatic cancer	GONG Dao-yuan, FU Hong-xia, PENG Yan, <i>et al</i> (164)
Expression of Rho-GDP dissociation inhibitor in the decidual tissues of preeclampsia patients and its clinical implication	FENG Ya-ling, LIANG Xiao-qin, ZHOU Chang-ju (167)
Clinical analysis of 47 misdiagnosed cases of atypical tuberculous meningitis	HU Jia, ZHANG Jia-tang, LANG Sen-yang, <i>et al</i> (175)
Assessment of intraventricular mechanical synchrony in systole by tissue synchronization imaging in normal subjects	WANG Yao, GAO Chang-qing, WU Yang, <i>et al</i> (184)

Cover image: Immunofluorescence staining of cell adhesion molecule L1 in the laryngeal muscular tissue and cartilage of the Rhesus monkey. The cell nuclei were counterstained with DAPI, and the blue color was transformed into pink using the software Photoshop CS3. Provided by Zhao Weijiang, associate Professor from the Center for Neuroscience, Shantou University Medical College.

Editorial Director: CHEN Wang-zhong

Executive Editor: WU Jin-ya

English Editor: SONG Jian-wu

Executive Technical Editor: LIN Li-huan ZHANG Qing

Executive Proofreaders: HUANG Kai-yan CHEN Wang-zhong

Photo Editor: WANG Jun

Editorial Assistant: LIU Hong-yan