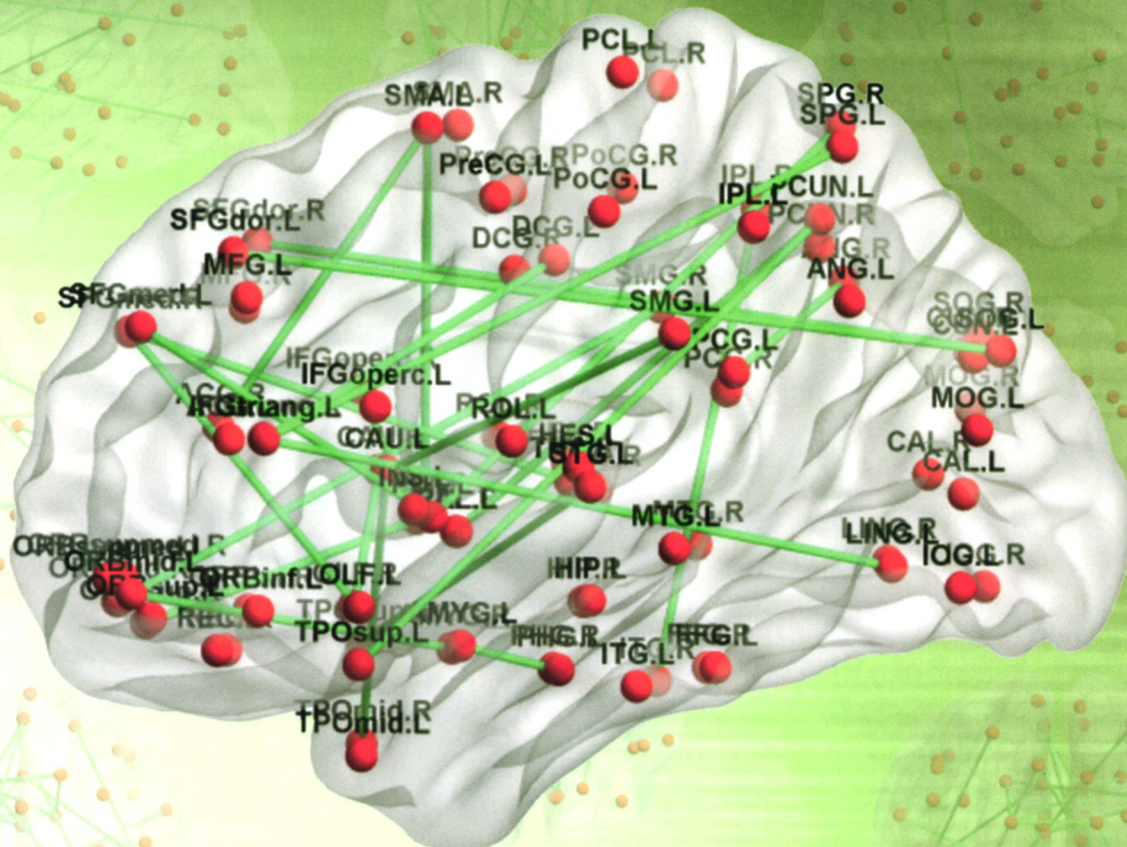


南方医科大学学报

NANFANG YIKE DAXUE XUEBAO
Journal of Southern Medical University



8

2014

Vol.134 No.8

南方医科大学学报

第 34 卷 第 8 期 2014 年 7 月

目 次

基础研究

- 1098 链脉佐菌素诱导的高血糖对大鼠肾、肝及眼睛的影响
张琪,刘亚千,陈 华
- 1115 高脂饮食诱导的2型糖尿病模型小鼠的生化及病理分析
曾位森,黄源坚,邵聪文,梁宝焕,魏 钺,许万福,苏亚茹
- 1121 内毒素诱导小鼠葡萄膜炎视网膜中补体系统的变化
陶雪莹,郑仕洁,雷 博
- 1129 肺癌细胞自分泌collagen I在三维培养中促进肺癌细胞的生长
李江超,李小妹,兰 天,亓翠玲,何晓东,杨 弘,李 焱,王丽京,关新元
- 1135 改进的90%无血肝切除术与药物诱导建立大鼠急性肝衰竭模型
宫绪萌,周 彬,陈华木,杨方圆,黄月朝,钟己生,高 毅
- 1140 肾上腺髓质素对自发性高血压大鼠肾脏微小动脉的影响
魏少民,张建忠,杨玲娣,常 越,郭凤英,景 丽
- 1149 泼尼松对阿霉素肾病大鼠肾组织FAK/Pyk2表达的影响
陈小英,王菊霞,郑 京,吴心虹,刘慈赞,林秀芹
- 1158 糖尿病大鼠神经病理疼痛增强脊髓神经型一氧化氮合酶的表达
赵伟成,廖美娟,张文璇,王汉兵,刘洪珍,杨承祥,张 斌
- 1162 兔颈动脉球囊损伤后血小板聚集和活化及阿托伐他汀的作用
童保文,林志鸿,谢良地,许昌声
- 1167 三种制作Balb/c小鼠下肢缺血模型方法的比较
陈永林,张景科,孙少华
- 1171 N-乙酰半胱氨酸对体外循环大鼠肠损伤的影响
许志扬,江国英,林世清,关 军,陈国度,陈广泽
- 1176 P38信号通路调控帕金森病小鼠黑质NF- κ B和iNOS的表达
王 茜,张 辉,刘 名,张作风,魏子峰,孙 娜,毛彤瑶,张宇新
- 1181 有效视野内检查床的变化对SPECT/CT同机配准度的影响
胡志辉,王思云,王淑侠,朱林波
- 1203 急进高原对大鼠肝功能及CYP1A2、CYP3A4活性的影响
李文斌,贾正平,谢 华,张娟红,王延玲,郝 颖,王 荣

临床研究

- 1079 准分子激光原位角膜磨镶术后1年内泪液中基质金属蛋白酶-9的动态变化
姬红培,陈爱蔚,张唯伟,顾 荭,张志玲,付举琴
- 1083 2型糖尿病患者脑部静息态的功能磁共振成像
陈志晔,刘梦琦,刘梦雨,马 林
- 1092 早孕期胎儿胼胝体发育不良高危人群的产前超声诊断
黎文雅,余艳红,李胜利,文华轩,王晨虹,袁 鹰,郑 琼,毕静茹,欧阳玉容,曾庆凯,刘慧文,肖志莲
- 1104 慢性丙型肝炎自然病程中丙型肝炎病毒准种演化及其临床意义
徐永敏,段海平,李 峥,冯 悦,何立华,李姪琳,夏雪山
- 1110 E3泛素连接酶HERC4在乳腺癌中的表达及临床意义
周 晖,石 嵘,陈耀武,曾文利,梁桑华,郑文岭,马文丽

- 1145 肝移植前行肝动脉介入栓塞化疗的远期效果分析
戴 敏,周 杰,崔忠林,黄 坤
- 1154 胎盘体视学分析不同升压药防治剖宫产低血压的效果
徐天星,李雅兰,周锦财,帅 兵,李 艳,麦伟图,严彦念,聂 偲,李健玲
- 1184 血糖波动对糖尿病患者外周血白细胞磷酸己糖旁路代谢及呼吸爆发的影响
曾慧妍,曹 瑛,薛耀明
- 1188 脊柱结核GATA、SMU分型的可信度及可重复性对比分析
付忠泉,关宏刚,曹正霖,霍智铭,肖隆艺
- 1192 肺结核并重症肺炎行有创机械通气患者下呼吸道病原菌分布及耐药性特点
劳穗华,王 娟,俞朝贤,李德宪
- 1195 亚甲基四氢叶酸还原酶基因C677T多态性及同型半胱氨酸与高脂血症的关联性
梁瑞莲,周远青,谢健敏,吕伟标,康 彬,梁玉全,陈映慧,黎运西
- 1199 大脑中动脉中央支血流动力学评价新生儿缺血缺氧性脑病
王 娜,张遇乐,关步云
- 1207 膜剥离联合玻璃体腔注射贝伐单抗治疗黄斑前膜
李志强,张国明,苏康进,宋湘梅,田汝银,古洵清
- 1210 两孔法电视胸腔镜手术治疗肺部疾病:附105例报告
杨胜利,杨 劼,古卫权,叶 俊,朱乐伟,王 飞,罗灵军,刘梅芳
- 1212 神经元特异性烯醇化酶和突触素在人胚胎胃发育阶段的表达
刘学红,张 泳,陈小萍,黄丹文,俞爱月
- 1217 胎儿生长受限与成年后卵巢储备功能的关系
彭 萍,马春玲,叶长烂,万淑梅,张艳玲,滕 伟
- 1220 高血压患者中幽门螺杆菌感染引起胃蛋白酶原改变
谢传珍,胡小佳,刘 飞
- 1224 复方甘草酸苷治疗慢性乙型肝炎的效果及安全性的meta分析
陈建蓉,王 霖,秦天强,黄 艳,李 静
- 1230 儿童川崎病丙种球蛋白治疗前后血清25-羟维生素D₃及白介素6水平的变化及意义
陈艳丽,李伟琴
- 1233 3D腹腔镜在经胸乳入路甲状腺次全切除术中的临床效果
邹兆伟,黄宗海,李 强,陈 飞,赵大川,汪 勉

流行病调查

- 1125 澳门医疗补贴计划对居民健康的影响:以循环系统疾病死亡率为例
张静华,庞 川,谭戈平

病例报告

- 1215 rFVIIa成功控制合并肾衰呼吸衰竭的消化道大出血1例
刘敏龙,王国恩,马 琪,任俊明,郭 蕾,张 军

封面图片:糖尿病患者脑部功能连接变化(陈志晔,解放军总医院放射科,正文见本期1083~1091页)。

主 编:陈敏生
编辑部主任:陈望忠
本期责任编辑:黄开颜
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
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*36*2014-08

Journal of Southern Medical University

Volume 34 Number 8 July 2014

Contents

Basic Research

- 1098** Effect of hyperglycemia induced by streptozotocin on the liver, kidneys and eyes in rats
ZHANG Qi, LIU Yaqian, CHEN Hua
- 1115** Biochemical and pathological analysis of mice with type 2 diabetes mellitus induced by high-fat diet and low-dose streptozotocin injections
ZENG Weisen, HUANG Yuanjian, SHAO Congwen, LIANG Baohuan, WEI Cheng, XU Wanfu, SU Yaru
- 1121** Alternation of retinal complement system in a mouse model of lipopolysaccharide-induced uveitis
TAO Xueying, ZHENG Shijie, LEI Bo
- 1129** Type I collagen secreted by lung cancer cells promotes cancer cell growth in a three-dimensional culture system
LI Jiangchao, LI Xiaomei, LAN Tian, QI Cuiling, HE Xiaodong, YANG Hong, LI Yan, WANG Lijing, GUAN Xinyuan
- 1135** Establishment of a rat model of acute liver failure by a modified 90% bloodless hepatectomy and by D-galactosamine and lipopolysaccharide injection
GONG Xumeng, ZHOU Bin, CHEN Huamu, YANG Fangyuan, HUANG Yuezhao, ZHONG Jisheng, GAO Yi
- 1140** Effect of adrenomedullin on renal arteriole remodeling in spontaneous hypertensive rats
WEI Shaomin, ZHANG Jianzhong, YANG Lingdi, CHANG Yue, GUO Fengying, JING Li
- 1149** Effects of prednisone on renal FAK and Pyk2 expressions in rats with adriamycin-induced nephritis
CHEN Xiaoying, WANG Juxia, ZHENG Jing, WU Xinhong, LIU Ciyun, LIN Xiuqin
- 1158** Change of spinal neuronal nitric oxide synthase expression in rats with painful diabetic neuropathy
ZHAO Weicheng, LIAO Meijuan, ZHANG Wenxuan, WANG Hanbing, LIU Hongzhen, YANG Chengxiang, ZHANG Bin
- 1162** Atorvastatin inhibits platelet aggregation and activation following carotid balloon injury in cholesterol-fed rabbits
TONG Baowen, LIN Zhihong, XIE Liangdi, XU Changsheng
- 1167** Comparison of three approaches to establishing Balb/c mouse models of hind-limb ischemia
CHEN Yonglin, ZHANG Jingke, SUN Shaohua
- 1171** Effect of N-acetylcysteine on intestinal injury induced by cardiopulmonary bypass in rats
XU Zhiyang, JIANG Guoying, LIN Shiqing, GUAN Jun, CHEN Guodu, CHEN Guangze
- 1176** P38 MAPK signaling pathway regulates nuclear factor- κ B and inducible nitric oxide synthase expressions in the substantia nigra in a mouse model of Parkinson's disease
WANG Qian, ZHANG Hui, LIU Ming, ZHANG Zuofeng, WEI Zifeng, SUN Na, MAO Tongyao, ZHANG Yuxin
- 1181** Correlation of examination couch position and height with image registration accuracy in an effective field of vision of SPECT/CT
HU Zhihui, WANG Siyun, WANG Shuxia, ZHU Linbo
- 1203** Effects of acute exposure to high altitude on hepatic function and CYP1A2 and CYP3A4 activities in rats
LI Wenbin, JIA Zhengping, XIE Hua, ZHANG Juanhong, WANG Yanling, HAO Ying, WANG Rong

Clinical Research

- 1079** Dynamic changes of tear fluid matrix metalloproteinase-9 within 1 year after laser *in situ* keratomileusis
JI Hongpei, CHEN Aiwei, ZHANG Weiwei, GU Hong, ZHANG Zhiling, FU Juqin
- 1083** Resting-state brain functional magnetic resonance imaging in patients with type 2 diabetes mellitus
CHEN Zhiye, LIU Mengqi, LIU Mengyu, MA Lin
- 1092** An approach to screen fetal agenesis of the corpus callosum at 11-13⁺ weeks
LI Wenya, YU Yanhong, LI Shengli, WEN Huaxuan, WANG Chenhong, YUAN Ying, ZHENG Qiong, BI Jingru, OUYANG Yurong, ZHENG Qingkai, LIU Huiwen, XIAO Zhilian
- 1104** Evolution of hepatitis C virus quasispecies during natural disease progression of chronic hepatitis C and the clinical implications
XU Yongmin, DUAN Haiping, LI Zheng, FENG Yue, HE Lihua, LI Yalin, XIA Xueshan
- 1110** Expression of E3 ligase HERC4 in breast cancer and its clinical implications
ZHOU Hui, SHI Rong, CHEN Yaowu, ZENG Wenli, LIANG Sanghua, ZHENG Wenling, MA Wenli
- 1145** Long-term outcomes of transcatheter arterial chemoembolization before liver transplantation in patients with hepatocellular carcinoma
DAI Min, ZHOU Jie, CUI Zhonglin, HUANG Kun

1154 Stereological study of the placenta in patients receiving different vasopressors for hypotension during cesarean section
XU Tianxing, LI Yalan, ZHOU Jincai, SHUAN Bing, LI Yan, MAI Weitu, YAN Yannian, NIE Cai, LI Jianling

1184 Effects of glucose variation on hexose monophosphate shunt and leucocyte respiratory burst in patients with type 2 diabetes
ZENG Huiyan, CAO Ying, XUE Yaoming

1188 Comparison of inter- and intra-observer reliability between GATA and SMU classification systems for spinal tuberculosis
FU Zhongquan, GUAN Honggang, CAO Zhenglin, HUO Zhiming, XIAO Longyi

1192 Distribution and drug-resistance of bacteria in the lower respiratory tract in patients with tuberculosis and severe pneumonia receiving invasive mechanical ventilation
LAO Suihua, WANG Juan, YU Chaoxian, LI Dexian

1195 Association of C677T gene polymorphisms of methylenetetrahydrofolate reductase and plasma homocysteine level with hyperlipidemia
LIANG Ruilian, ZHOU Yuanqing, XIE Jianmin, LÜ Weibiao, KANG Bin, LIANG Yuquan, CHEN Yinghui, LI Yunxi

1199 Evaluation of neonatal hypoxic-ischemic encephalopathy by ultrasound measurement of the hemodynamics in the central branches of the middle cerebral artery
WANG Na, ZHANG Yule, GUAN Buyun

1207 Membrane peeling combined with intravitreal injection of bevacizumab for treatment of macular epiretinal membrane: analysis of 33 cases
LI Zhiqiang, ZHANG Guoming, SU Kangjin, SONG Xiangmei, TIAN Ruyin, GU Xunqing

1210 Single-port video-assisted thoracoscopic surgery for pulmonary diseases: analysis of 158 cases
YANG Shengli, YANG Jie, GU Weiquan, YE Jun, ZHU Lewei, WANG Fei, LUO Lingjun, LIU Meifang

1212 Gastric expressions of neuron-specific enolase and synaptophysin in human fetuses of 2 to 4 gestational months
LIU Xuehong, ZHANG Yong, CHEN Xiaoping, HUANG Danwen, YU Aiyue

1217 Relationship between fetal growth restriction and ovarian reserve in adulthood
PENG Ping, MA Chunling, YE Changlan, WAN Shumei, ZHANG Yanling, TENG Wei

1220 Changes of serum pepsinogen I/II ratio induced by *Helicobacter pylori* infection in hypertensive patients
XIE Chuanzhen, HU Xiaojia, LIU Fei

1224 Efficacy and safety of Stronger Neo-Minophagen C for treatment of chronic hepatitis B: a meta-analysis of randomized controlled trials
CHEN Jianrong, WANG Ji, QIN Tianqiang, HUANG Yan, LI Jing

1230 Changes of serum 25-hydroxyvitamin D₃ and interleukin-6 after treatment with intravenous immunoglobulins in children with Kawasaki disease
CHEN Yanli, LI Weiqin

1233 A comparative study of three-dimensional versus two-dimensional laparoscopic subtotal thyroidectomy via a breast approach
ZOU Zhaowei, HUANG Zonghai, LI Qiang, CHEN Fei, ZHAO Dachuan, WANG Mian

Epidemiological survey

1125 Impact of Macao Medical Voucher Program on health outcomes of the residents: changes of mortality from circulatory system diseases
ZHANG Jinghua, PANG Chuan, TAM Kwoping

Case report

1215 Successful management of massive gastrointestinal bleeding using recombinant factor VIIa in an elderly patient with respiratory and renal failure
LIU Minlong, WANG Guoen, MA Qi, REN Junming, GUO Lei, ZHANG Jun

Cover image: Provided by Chen Zhiye, Department of Radiology, General Hospital of PLA. The image shows the brain regions with altered functional connectivity in diabetic patients. See full-text article on page 1083-1091 in this issue.

Chief Editor: CHEN Minsheng

Editorial Director: CHEN Wangzhong

Executive Editor: HUANG Kaiyan

Executive Technical Editor: LIN Lihua

Photo Editor: WANG Jun

English Editor: SONG Jianwu

Executive Proofreaders: WU Jinya SUN Changpeng

Editorial Assistant: LIU Hongyan



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(2011 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

2014 年 7 月 30 日 第 34 卷第 8 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:020-61360558

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.34 No.8 July 2014

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: 86-20-61360558

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



南方医科大学学报

ISSN 1673-4254



9 771673 425148