

# 海南医学院学报

## Journal of Hainan Medical University

半月刊 第 25 卷第 10 期(总第 233 期) 2019 年 5 月出版 1995 年 5 月创刊

主管

海南省教育厅

主办

海南医学院

编辑

海南医学院学报编辑委员会

出版

《海南医学院学报》编辑部

<http://www.hnykdxxb.com>

<http://hnyy.chinajournal.net.cn>

地址: 海南省海口市学院路 3 号  
(571199)

电话: +86-898-66893391

传真: +86-898-66890465

E-mail: hnyxyb@126.com

名誉主编

焦解歌

主编

刘军保

执行主编

屈顺海

印刷

海南博威印刷有限公司

发行

海南省报刊发行局

国内外公开发行

订购

全国各地邮政局

邮发代号 84-14

广告许可证

琼工商广字 018 号

中国标准刊号

ISSN 1007-1237

CN 46-1049/R

国际期刊 CODEN 编号

CODEN: HYXAAM

定价

每期 15.00 元

出版日期

2019 年 5 月 28 日

2019 年版权归主办单位所有

## 目 次

### 【论 著】

海南萝芙木提取物对 DSS 小鼠结肠炎 MAPK 信号通路的影响

..... 李思琼, 崔路佳, 苗新普, 等(721)

西格列汀对 T2DM 大鼠血清神经酰胺、chemerin、胰岛功能及氧化应激指标的影响

..... 张惠新, 程 彤, 仓 贞, 等(726)

利拉鲁肽对 2 型糖尿病合并动脉粥样硬化患者血糖、血脂、血压和颈动脉斑块的影响

..... 陈 涯, 王艳萍, 张 亮, 等(730)

红树莓根茎煎剂对 S180 模型小鼠细胞因子水平和胸腺、脾指数的影响

..... 孙玉珍, 方 毅, 于晓红, 等(735)

三七皂苷调节丙泊酚所致大鼠认知功能损伤的实验研究

..... 苏玉强, 范晓英, 秦 艳, 等(739)

miRNA21 在戊四氮致癫痫大鼠马神经元中的作用及其机制的研究

..... 刘东海, 赵天宁, 杨嘉琦, 等(744)

健脾益气方剂含药血清对胃癌细胞生长及血管新生的影响

..... 王兴龙 (750)

Klotho 对滋养细胞侵袭的影响

..... 薛筱蕾, 成 芳, 范翠芳, 等(754)

编辑委员会

顾问:白志勤 廖小平

李永春

名誉主编:焦解歌

主编:刘军保

副主编:陈玉民 陈志斌

执行主编:屈顺海

中国编委(以下按姓氏笔画排列)

邓芳成 王宇田 白志明 刘明生

孙公凯 李 羲 肖劲逐 杨世忠

杨建军 张彩虹 孟志斌 易西南

郝新保 钱士匀 涂 蓉 黄元华

董克家 谢祁阳 蔡望伟 谭光宏

国际编委

Nigel J. Temperton (英国)

Jimmy Thomas Efird (美国)

Guido Favia Camerino (意大利)

Malcolm K.Jones(澳大利亚)

Viroj Wiwanitkit (泰国)

Farouk M.F. El-sabban(美国)

F.Dewolfe Miller(美国)

Nazni Bte Hj. Wasi Ahmad(马来西亚)

Usa Lek-Uthai(泰国)

Kabkaew L. Sukontason(泰国)

Kom Sukontason(泰国)

Kusal K Das(印度)

Luca Vannucci(捷克共和国)

Asad U Khan(印度)

Nilanjan Chakraborty(印度)

Amere Subbarao Sreedhar(印度)

英文编辑

F.Dewolfe Miller(美国)

Guido Favia Camerino (意大利)

Usa Lek-Uthai(泰国)

Malcolm K.Jones(澳大利亚)

Viroj Wiwanitkit(泰国)

Jimmy Thomas Efird (美国)

Luca Vannucci(捷克共和国)

Farouk M.F. El-sabban(美国)

Nigel J. Temperton (英国)

Asad U Khan(印度)

Nazni Bte Hj. Wasi Ahmad (马来西亚)

清肺消炎丸联合头孢曲松、阿奇霉素对老年 CAP 患者免疫指标、氧化应激及炎症指标的影响

..... 白晓瑞,高 乐,李 莉(758)

血府逐瘀汤联合常规治疗对急性脑梗死患者炎症反应、氧化应激、内皮及相关因子的影响

..... 陈 峰,吴 曦,穆迎涛,等(762)

丁苯酞联合尤瑞克林对大面积脑梗死患者神经损害病理进程的影响

..... 朱婷鸽,雷 琦,李俊毅,等(766)

新生儿败血症血清中 PCT 含量对炎症因子释放、脏器功能损伤的评估价值

..... 周 惠,宋文君,唐天雄(771)

HPV 和 P16 蛋白对 HSIL 患者诊断价值及预后疗效分析

..... 胡春艳,朱根海,邢艾文,等(775)

帕瑞昔布+右美托咪定对胸腔镜手术麻醉恢复期全身炎症及氧化应激反应的影响

..... 韩庆波,刘 洋,王振华,等(779)

膝骨关节炎软骨组织中内质网应激对炎症分子、骨代谢分子分泌的影响

..... 李前凯,胡瑞红,李江梅,等(784)

分泌性中耳炎患者关于促炎作用、液体平衡、血管通透性及氧化应激的变化分析

..... 蔡彬林,瞿 秀,瞿春林(788)

大脑中动脉中重度狭窄或闭塞性病变患者同侧颅外颈动脉血流动力学的分析

..... 王 晖,苏 娅,黄大刚(792)

二维斑点追踪成像技术在 OSAS 患者左心室功能定量评估中的应用价值

..... 谢国平,林庆陕,于 超(797)

# Journal of Hainan Medical University

Semimonthly Vol.25 No.10 (Total 233) May. 2019

**Competent Authority**

Educational Department of Hainan Province

**Sponsored by**

Hainan Medical University

**Edited by**

Editorial Committee of Journal of Hainan Medical University

**Published by**

Editorial Department of Journal of Hainan Medical University

<http://www.hnykdx.com>

<http://hnyy.chinajournal.net.cn>

Address: No.3 Xuanyuan Road, Haikou, Hainan 571199

Tel: +86-898-66893391

Fax: +86-898-66890465

E-mail: hnyxyb@126.com

**Reputation Editor-in-Chief**

JIAO Jie-ge

**Editor-in-Chief**

LIU Jun-bao

**Executive Editor-in-Chief**

QU Shun-hai

**Printed by**

Hainan Bowei Printing Co.,Ltd.

**Distributor**

Distribution Bureau of Newspaper Magazine in Hainan Province

**Publication at Home and Abroad**

Domestic Subscription: Domestic Local Post Office

**Postal Distributing Code**

84-14

**Advertisement License**

Qiong 018

**Chinese Standard Periodical Number**

ISSN 1007-1237

CN 46-1049/R

**CODEN:**

HYXAAM

**Price**

¥15.00

**Publishing Date**

28th May, 2019

Copyright© 2019 by the Sponsors

## Contents

**【Original article】**

Rauvolfia verticillata (Lour.) Baill. var. hainanensis Tsiang ameliorate ulcerative colitis in Dextran Sodium Sulfate-induced Mice via regulating the MAPK pathway

..... LI Si-qiong, CUI Lu-jia, MIAO Xin-pu(721)

Effects of Sig Leo Dean on serum ceramide, chemerin, islet function and oxidative stress indexes in T2DM rats

..... ZHANG Hui-xin, CHENG Tong, CANG Zhen, et al.(726)

Effects of lilalutine on blood glucose, lipid, blood pressure and carotid plaque in patients with Type 2 diabetes mellitus complicated with atherosclerosis

..... CHEN Ya, WANG Yan-ping, ZHANG Liang, et al.(730)

Effects of raspberry root decoction on cytokine level and thymus and spleen index in S180 model mice

..... SUN Yu-zhen, FANG Yi, YU Xiao-hong, et al.(735)

Effects of panax notoginseng saponins on apoptosis, inflammation and oxidative stress in rats with propofol-induced cognitive dysfunction

..... SU Yu-qiang, FAN Xiao-ying, QIN Yan, et al.(739)

The role of miRNA21 in hippocampal neurons of rats with pentylenetetrazol-induced epilepsy and its mechanism

..... LIU Dong-hai, ZHAO Tian-ning, YANG Jia, et al.(744)

Effect of Jianpi Yiqi Prescription serum on the gastric cancer cell growth and angiogenesis

..... WANG Xing-long(750)

Effect of klotho on HTR-8/SVneo cells invasion

..... XUE Xiao-lei, CHENG Fang, FAN Cui-fang, et al.(754)

## **Editorial Board of Journal of Hainan Medical University**

### **Consultants**

BAI Zhi-qin, LIAO Xiao-ping,  
LI Yong-chun

### **Reputation Editor-in-Chief**

JIAO Jie-ge

### **Editor-in-Chief**

LIU Jun-bao

### **Associate Editor-in-Chief**

CHEN Yu-min, CHEN Zhi-bin

### **Executive Editor-in-Chief**

QU Shun-hai

### **Members of Editorial Board**

Nigel J. Temperton (UK)

Jimmy Thomas Efird (USA)

Guido Favia Camerino (Italy)

Farouk M.F. El-sabban (PhD, U.S.A.)

F. Dewolfe Miller (PhD, U.S.A.)

Malcolm K. Jones (PhD, Australia)

Viroj Wiwanitkit (MD, Thailand)

Nazni Bte Hj. Wasi Ahmad (PhD, Malaysia)

Usa Lek-Uthai (PhD, Thailand)

Kabkaew L. Sukontason (PhD, Thailand)

Kom Sukontason (PhD, Thailand)

Kusal K Das (PhD, India)

Luca Vannucci (PhD, Czech Republic)

Asad U Khan (PhD, India)

Nilanjan Chakraborty (PhD, India)

Amere Subbarao Sreedhar (PhD, India)

DENG Fang-cheng (MD, China)

WANG Yu-tian (MD, China)

BAI Zhi-ming (MD, China)

LIU Ming-sheng (MD, China)

SUN Gong-kai (MD, China)

LI Xi (MD, China)

XIAO Jin-zhu (MD, China)

YANG Shi-zhong (MD, China)

YANG Jian-jun (MD, China)

ZHANG Cai-hong (MD, China)

MENG Zhi-bin (MD, China)

YI Xi-nan (MD, China)

HAO Xin-bao (MD, China)

QIAN Shi-yue (MD, China)

TU Rong (MD, China)

HUANG Yuan-hua (MD, China)

DONG Ke-jia (MD, China)

XIE Qi-ying (MD, China)

CAI Wang-wei (MD, China)

TAN Guang-hong (MD, China)

### **English Editors**

F. Dewolfe Miller (PhD, U.S.A.)

Guido Favia Camerino, Italy

Usa Lek-Uthai (PhD, Thailand)

Malcolm K. Jones (PhD, Australia)

Viroj Wiwanitkit (PhD, Thailand)

Jimmy Thomas Efird Honolulu, USA

Luca Vannucci (PhD, Czech Republic)

Farouk M.F. El-sabban (PhD, U.S.A.)

Nigel J. Temperton London, UK

Asad U Khan (PhD, India)

Nazni Bte Hj. Wasi Ahmad (PhD, Malaysia)

Effects of Qingfei Xiaoyan pill combined with ceftriaxone and azithromycin on immune index, oxidative stress and inflammatory index in senile CAP patients

..... BAI Xiao-rui, GAO Le, LI Li(758)

Effects of Xuefu Zhuyu Decoction combined with conventional therapy on inflammatory response, oxidative stress, endothelium and related factors in patients with acute cerebral infarction

..... CHEN Feng, WU Xi, MU Ying-tao, et al.(762)

Effect of Butylphthalide combined with Urinary Kallidinogenase on the pathological course of nerve damage in patients with massive cerebral infarction

..... ZHU Ting-ge, LEI Qi, LI Jun-yi, et al.(766)

Value of serum PCT content for evaluating inflammatory factor release and organ function injury in neonatal septicemia

..... ZHOU Hui, SONG Wen-jun, TANG Tian-xiong(771)

The diagnostic value of HPV and P16 protein in patients with HSIL and prognosis

..... HU Chun-yan, ZHU Gen-hai, XING Ai-wen, et al.(775)

Effects of parecoxib + dexmedetomidine on systemic inflammation and oxidative stress during anesthesia recovery period of thoracoscopic surgery

..... HAN Qing-bo, LIU Yang, WANG Zhen-hua, et al.(779)

Effects of endoplasmic reticulum stress in cartilage tissue of knee osteoarthritis on the secretion of inflammatory molecules and bone metabolism molecules

..... LI Qian-kai, HU Rui-hong, LI Jiang-mei(784)

Changes of proinflammatory, fluid balance, vascular permeability and oxidative stress in patients with secretory otitis media

..... CAI Bin-lin, QU Xiu, QU Chun-lin(788)

Analysis of the hemodynamics changes of ipsilateral extracranial carotid artery with middle cerebral artery stenosis or occlusion patients

..... WANG Hui, SU Ya, HUANG Da-gang(792)

The value of two-dimensional speckle tracking imaging in quantitative assessment of left ventricular function in patients with OSAS

..... XIE Guo-ping, LIN Qing-shan, YU Chao(797)