

# 海南医学院学报

## Journal of Hainan Medical University

半月刊 第23卷第17期(总第192期) 2017年9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: hnyxyxb@126.com

### 名誉主编

焦解歌

### 主编

刘军保

### 执行主编

屈顺海

### 印刷

海口永发印刷股份有限公司

### 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

2017 年 9 月 14 日

2017 年版权归属主办单位所有

## 目次

### 【基础医学】

角膜碱烧伤大鼠接受多西环素干预后的细胞凋亡情况及角膜和房水中 IL-1、TNF- $\alpha$ 、HIF-1 $\alpha$  的表达

..... 徐小芹 (2313)

氨甲酰促红细胞生成素对糖尿病大鼠视网膜病理改变的影响

..... 姜林 (2316)

心肌缺血-再灌注所致单相动作电位振幅改变与心肌损伤程度的相关性研究

..... 刘盈盈, 李勤 (2320)

### 【临床医学】

阿托伐他汀联合曲美他嗪对冠心病患者氧化应激、血液流变学及 NT-proBNP、hs-CRP 的影响

..... 王丽岩, 张洪磊, 陈松 (2323)

米力农辅助治疗对慢性心衰患者心功能、心肌重构、RAAS 系统活性的影响

..... 陈静 (2328)

比索洛尔联合曲美他嗪对慢性心力衰竭患者心功能康复的影响

..... 刘少云, 李倩 (2331)

血必净、胸腺五肽联合对症治疗对老年重症肺炎患者炎症反应进程的影响

..... 竹艳刚, 贾馨卉, 史振杰, 等 (2335)

焦虑抑郁情绪对支气管哮喘患者肺功能、气道炎症及重塑的影响

..... 阳琴 (2338)

乌司他丁对 COPD 急性加重期患者血管活性物质、氧化应激及炎症反应的影响

..... 黄春兰 (2342)

2 型糖尿病患者焦虑状态与血糖控制情况、微炎症及氧化应激状态的相关性研究

..... 马怀芬, 杜娟, 方欢乐, 等 (2346)

胰岛素泵与持续静脉应用胰岛素对糖尿病酮症酸中毒患者酮体代谢、血气指标及应激状态的影响

..... 石辉进, 罗远辉, 刘义学, 等 (2349)

红藤灌肠液保留灌肠联合口服药物对 UC 患者免疫炎症反应及肠道菌群的影响

..... 董四海, 钱晓明, 徐小兵 (2353)

痛风性关节炎患者血清 Dickkopf-1 含量与骨破坏、炎症及氧化反应的相关性研究

..... 贺钰梅, 韩秀平, 汪丽丽, 等 (2357)

腹腔镜手术对直肠癌患者血清炎症因子、氧化应激及免疫功能的影响

..... 戴刚, 蔡一亭, 高铭, 等 (2361)

盐酸羟考酮注射液超前镇痛对腹腔镜胆囊切除术患者血清炎症因子、神经递质指标及免疫功能的影响

..... 刘婷, 汤燕彬, 贾暄东, 等 (2365)

不同剂量右美托咪定对老年腹腔镜手术患者炎症因子、T 淋巴细胞亚群的影响

..... 张建新, 刘冰冰, 李彦君, 等 (2369)

丁丙诺啡透皮贴剂联合静脉自控镇痛对老年股骨转子间骨折患者血清疼痛相关生化指标的影响

..... 徐磊, 黄武维 (2373)

中频脉冲疗法联合外固定对骨质疏松性桡骨远端骨折患者骨代谢、炎症反应及氧化应激的影响

..... 罗宝宁,王国新(2377)

帕瑞昔布钠超前镇痛在剖宫产术中应用对应激指标影响的临床分析

..... 于明,赵立福,方略,等(2381)

自拟滋补肝肾组方联合替勃龙对更年期综合征女性激素水平、脂代谢及免疫应答的影响

..... 朱明曦,陈玉玲(2384)

子痫前期胎盘组织中 Wnt/ $\beta$ -catenin 信号通路相关分子的含量及其与滋养细胞凋亡的相关性

..... 李夏芳(2388)

匹多莫德联合利巴韦林在小儿手足口病中应用对炎症因子、T 淋巴细胞亚群、免疫球蛋白和生生化指标影响的临床观察

..... 张仕超,汪莎莎,李敬凤,等(2392)

罗哌卡因联合地塞米松局部浸润对小儿扁桃体切除术后疼痛程度及炎症应激反应的影响

..... 魏福生(2396)

超声萤火虫成像对甲状腺恶性结节微钙化的判断价值及其与结节内瘤基因表达的相关性

..... 刘福娟(2400)

同步放化疗对子宫内瘤术后患者血清肿瘤标志物、MMP-9、VEGF 及炎症因子水平的影响

..... 管付娟(2404)

替吉奥胶囊+康艾注射液+调强放疗对晚期宫颈癌灶内细胞恶性生物学进程的影响

..... 杨吉帆,任洪波,李春梅,等(2408)

结直肠癌患者术后化疗所致焦虑情绪与内分泌紊乱、免疫应答的相关性研究

..... 张欣(2412)

术前新辅助化疗对结肠癌组织中恶性分子表达及根治手术所致创伤程度的影响

..... 王艳成(2416)

脑膜瘤组织中 CLDN6 基因表达量与 MMPs/TIMPs、EMT 基因表达量的相关性研究

..... 杨安强,杨晓滨,李平(2419)

凝血功能及血浆 cTnI、HCY、PCT 水平对急性颅脑损伤患者伤情严重程度和预后评价的临床意义

..... 邵俊卿,陈小飞,李艺,等(2423)

H 型高血压与急性脑梗死患者颈动脉内膜中层厚度及功能的相关性分析

..... 王玥,周志峰(2427)

丹红注射液联合奥扎格雷钠对老年急性脑梗死患者血清 IL-8、TNF- $\alpha$ 、VEGF、TBIL 及 NSE 的影响

..... 李玲,张艳(2431)

丹参川芎嗪注射液联合羟乙基淀粉注射液对急性分水岭性脑梗死患者血清 BNP、Hcy、MMP-2、SI00B 蛋白及血液流变学水平的影响

..... 陈冬,欧阳存,魏进,等(2434)

阿替普酶溶栓治疗对脑梗死患者神经损伤及血清细胞因子的影响

..... 周琴,魏天星,余飞,等(2438)

瘢痕疙瘩中 HIF-1 $\alpha$  的表达及其与血管新生、炎症反应及细胞凋亡的相关性研究

..... 叶飞轮(2442)

右美托咪定复合丙泊酚对高血压患者无痛胃镜检查应激反应及早期认知功能的影响

..... 李彦君,张建新(2445)

跟骨骨密度超声测定对骨质疏松性骨折患者骨代谢、骨转化的评估价值

..... 闫宏伟,徐良志,段伟(2449)

Er,Cr:YSGG 激光联合口腔基础治疗对牙周炎患者炎症损伤、细胞凋亡的影响

..... 金卫星,关正志(2453)

## 海南医学院学报 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 谢邵阳 蔡望伟 谭光宏

### 国际编委

Nigel J. Temperton (英国)

Jimmy Thomas Efirid (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)

Liang Qiao(香港)

### 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 Efirid (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)

# Journal of Hainan Medical University

Semimonthly

Vol.23 No.17 (Total 192)

Sep. 2017

## 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.hnykdxxb.com

http://hnyy.chinajournal.net.cn

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

Tel: +86-898-66893391

Fax: +86-898-66890465

E-mail: hnyxyxb@126.com

Publishing Contact Person: Zhang Xian-di

## Reputation Editor-in-Chief

JIAO Jie-ge

## Editor-in-Chief

LIU Jun-bao

## Executive Editor-in-Chief

QU Shun-hai

## Printed by

Haikou Yongfa 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

14th Sep. 2017

## Copyright © 2017 by the Sponsors

## Contents

- Effect of doxycycline intervention on the apoptosis as well as the IL-1, TNF- $\alpha$  and HIF-1 $\alpha$  expression in cornea and aqueous humor in rats with corneal alkali burn  
..... XU Xiao-qin (2313)
- Effect of carbamylated erythropoietin on retinopathy of diabetic rats  
..... JIANG Lin (2316)
- Correlation between myocardial ischemia - reperfusion-induced monophasic action potential amplitude change and myocardial damage  
..... LIU Ying-ying, LI Qin (2320)
- Effect of atorvastatin combined with trimetazidine on oxidative stress, hemorheology, and NT-proBNP, hs-CRP in patients with coronary heart disease  
..... WANG Li-yan, ZHANG Hong-lei, CHEN Song (2323)
- Effect of the adjuvant milrinone therapy on cardiac function, myocardial remodeling and RAAS system activity in patients with chronic heart failure  
..... CHEN Jing (2328)
- Effect of bisoprolol combined with trimetazidine on the cardiac function rehabilitation in patients with chronic heart failure  
..... LIU Shao-yun, LI Qian (2331)
- Effect of Xuebijing, thymopentin combined with symptomatic treatment on inflammatory response process in elderly patients with severe pneumonia  
..... ZHU Yan-gang, JIA Xin-hui, SHI Zhen-jie, et al. (2335)
- Effect of anxiety and depression on pulmonary function as well as airway inflammation and remodeling in patients with bronchial asthma  
..... YANG Qin (2338)
- Effect of ulinastatin on vasoactive substances, oxidative stress and inflammatory response in patients with acute exacerbation of COPD  
..... HUANG Chun-lan (2342)
- Correlation of anxiety state with blood glucose control, microinflammation and oxidative stress in patients with type 2 diabetes mellitus  
..... MA Hua-fen, DU Juan, FANG Huan-le, et al. (2346)
- Effect of insulin pump and continuous intravenous insulin on ketone body metabolism, blood gas indexes and stress state in patients with diabetic ketoacidosis  
..... SHI Hui-jin, LUO Yuan-hui, LIU Yi-xue, et al. (2349)
- Effect of retention enema by caulis sargentodoxae enema combined with oral drugs on the immune inflammatory response and intestinal flora in patients with UC  
..... DONG Si-hai, QIAN Xiao-ming, XU Xiao-bing (2353)
- Correlation of serum Dickkopf-1 content with bone destruction, inflammatory response and oxidation reaction in patients with gouty arthritis  
..... HE Yu-mei, HAN Xiu-ping, WANG Li-li, et al. (2357)
- Effect of laparoscopy on serum inflammatory factor, oxidative stress and immune function in patients with rectal cancer  
..... DAI Gang, CAI Yi-ting, GAO Ming, et al. (2361)
- Effect of oxycodone hydrochloride injection preemptive analgesia on serum inflammatory factors, neurotransmitter index and immune function in patients with laparoscopic cholecystectomy  
..... LIU Ting, TANG Yan-bin, JIA Xuan-dong, et al. (2365)
- Effects of different doses of dexmedetomidine on inflammatory factors and T lymphocyte subsets in elderly patients undergoing laparoscopic surgery  
..... ZHANG Jian-xin, LIU Bing-bing, LI Yan-jun, et al. (2369)
- Effect of buprenorphine transdermal patch combined with patient-controlled intravenous analgesia on the serum pain-related biochemical indexes in elderly patients with intertrochanteric fracture  
..... XU Lei, HUANG Wu-wei (2373)
- Effect of mid-frequency pulse therapy combined with external fixation on bone metabolism, inflammatory response and oxidative stress in patients with osteoporotic distal radial fractures  
..... LUO Bao-ning, WANG Guo-xin (2377)
- Clinical analysis of the effect of preemptive analgesia with parecoxib sodium on the corresponding index in cesarean section  
..... YU Ming, ZHAO Li-fu, FANG Lue, et al. (2381)

## 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-bai

### 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. Dewolf 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)

Liang Qiao(PhD,Hongkong)

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-yang (MD,China)

CAI Wang-wei (MD,China)

TAN Guang-hong (MD,China)

### English Editors

F. Dewolf 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 MF. El-sabban (PhD,U.S.A.)

Nigel J. Temperton London, UK

Asad U Khan(PhD,India)

Nazni Bte Hj. Wasi Ahmad (PhD, Malaysia)

Effect of self prescription for nourishing liver and kidney combined with tibolone on hormone levels, lipid metabolism and immune response in women with menopausal syndrome

..... ZHU Ming-xi, CHEN Yu-ling(2384)

The contents of Wnt/ $\beta$ -catenin signaling pathway-related molecules in the preeclampsia placenta tissue and the correlation with the trophocyte apoptosis

..... LI Xia-fang(2388)

Clinical observation of effects of pidotimod combined with ribavirin on inflammatory factors, T lymphocyte subsets, immunoglobulin and blood biochemical markers in children with hand-foot-mouth disease

..... ZHANG Shi-chao, WANG Sha-sha, LI Jing-feng, et al.(2392)

Effect of ropivacaine combined with dexamethasone local infiltration on the pain level and inflammatory stress response after pediatric tonsillectomy

..... WEI Fu-sheng(2396)

The diagnostic value of MicroPure imaging for malignant thyroid nodule microcalcification and its correlation with the oncogene expression in nodules

..... LIU Fu-juan(2400)

Effects of concurrent chemoradiotherapy on serum tumor markers, MMP-9, VEGF and inflammatory factors in patients with endometrial carcinoma after operation

..... GUAN Fu-juan(2404)

Effect of tegafur gimeracil oteracil potassium capsule + kangai injection + intensity-modulated radiation therapy on the cellular malignant biological processes in advanced cervical cancer lesion

..... YANG Ji-fan, REN Hong-bo, LI Chun-mei, et al.(2408)

Correlation of the anxiety caused by postoperative chemotherapy with endocrine disorder and immune response in patients with colorectal cancer

..... ZHANG Xin(2412)

Effect of preoperative neoadjuvant chemotherapy on the expression of malignant molecules in colon cancer tissue and the degree of trauma caused by radical operation

..... WANG Yan-cheng(2416)

Correlation of Claudins6 (CLDN6) gene expression in meningioma tissue with the expressions of matrix metalloproteinases (MMPs)/tissue inhibitors of matrix metalloproteinase (TIMPs) and epithelial-mesenchymal transition (EMT) genes

..... YANG An-qiang, YANG Xiao-bin, LI Ping(2419)

Clinical significance of coagulation function and plasma cTnI, HCY, PCT levels to severity and prognosis in patients with acute craniocerebral injury

..... SHAO Jun-qing, CHEN Xiao-fei, LI Yi, et al.(2423)

Correlation analysis of carotid intima media thickness and function in patients with H-type hypertension and acute cerebral infarction

..... WANG Yue, ZHOU Zhi-feng(2427)

Effect of danhong injection combined with ozagrel on serum IL-8, TNF- $\alpha$ , VEGF, TBIL and NSE in old patients with acute cerebral infarction

..... LI Ling, ZHANG Yan(2431)

Effect of salvia miltiorrhiza and ligustrazine hydrochloride injection combined with hydroxyethyl starch injection on serum BNP, Hcy, MMP-2, S100B protein and hemorheology in patients with acute cerebral watershed infarction

..... CHEN Dong, OUYANG Cun, WEI Jin, et al.(2434)

Effect of alteplase thrombolysis on nerve injury and serum cytokines in patients with cerebral infarction

..... ZHOU Qin, WEI Tian-xing, YU Fei, et al.(2438)

HIF-1 $\alpha$  expression in keloid and its correlation with angiogenesis, inflammatory response and apoptosis

..... YE Fei-lun(2442)

Effect of dexmedetomidine combined with propofol on stress response and early cognitive function in hypertensive patients undergoing painless gastroscopy

..... LI Yan-jun, ZHANG Jian-xin(2445)

Evaluation of bone metabolism and bone turnover in patients with osteoporotic fracture by ultrasound determination of calcaneal bone mineral density

..... YAN Hong-wei, XU Liang-zhi, DUAN Wei(2449)

Effect of Er, Cr; YSGG laser combined with oral basic treatment on inflammatory injury and apoptosis in patients with periodontitis

..... JIN Wei-xing, GUAN Zheng-zhi(2453)