

中国科技核心期刊  
中国科技论文统计源期刊  
美国《化学文摘》(CA)收录期刊  
波兰《哥白尼》(IC)收录期刊  
美国《剑桥科学文摘》(CSA)收录期刊

ISSN 1007-1237  
CN 46-1049/R  
CODEN HYXAAM

# 海南医学院 学报

JOURNAL OF HAINAN MEDICAL UNIVERSITY



中国核心期刊（遴选）数据库收录期刊  
中国学术期刊综合评价数据库统计源期刊  
中文生物医学期刊文献数据库收录期刊  
中国生物学文献数据库收录期刊  
中文科技期刊数据库收录期刊  
《中国生物学文摘》收录期刊  
《中华首席医学网》全文收录期刊  
CCEPS中文电子期刊服务全文收录期刊  
《中文科技资料——医药卫生》收录期刊

13

2016

第22卷 第13期  
Vol.22 No.13

ISSN 1007-1237



9 771007 123030

# 海南医学院学报

## Journal of Hainan Medical University

半月刊 第 22 卷第 13 期(总第 164 期) 2016 年 7 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://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**  
海口永发印刷厂有限公司  
**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**  
2016 年 7 月 14 日  
2016 年版权归属主办单位所有

### 目 次

#### 【基础医学】

- 苯酇类安沙霉素药物 17AAG 调节胃癌细胞株恶性生物学行为的实验研究 ..... 付建新, 黄三洲, 李艳, 等 (1329)  
NRP-1 基因在鼻咽癌组织中的表达及靶向抑制基因表达对细胞功能的调节作用 ..... 马新明 (1332)  
小剂量糖皮质激素对急性胰腺炎大鼠 HMGB-1、TERM-1、MPO、BALF 的影响 ..... 华来旭 (1336)  
宫颈上皮内瘤变组织中转录因子 Twist、Snail 的表达及与上皮间质转化、细胞增殖的关系 ..... 付海丹 (1339)  
siRNA 沉默 Id1 基因后骨肉瘤细胞生物学行为的变化 ..... 徐德利 (1343)  
宫颈癌及宫颈上皮内瘤变组织中 Twist、YB-1 基因表达及与上皮间质转化的相关性分析 ..... 刘琴, 李虹, 张瑜 (1346)  
带状疱疹患者血液中细胞因子、T 淋巴细胞亚群、STAT3 功能评估及鼠神经生长因子的干预效果 ..... 许芸, 谭凌玲, 汪凯, 等 (1350)

#### 【临床医学】

- 不同剂量阿托伐他汀对 NSTEMI 患者 PCI 前后 hs-CRP 的影响 ..... 刘雯, 马悦, 钱浓 (1354)  
急性心肌梗死患者 PCI 手术前后 CRP、NT-proBNP、CK-MB、cTnT 水平测定及临床意义 ..... 周阳贞, 李艳 (1357)  
血清可溶性 CD40 配体和 IL-18 水平与脑梗死的关系分析 ..... 邹青, 尤连峰, 李伟, 等 (1361)  
不同严重程度 OSAS 患者腔隙性脑梗死、颈动脉粥样硬化程度的评估 ..... 杜鸣, 熊小玲 (1365)  
依达拉奉对心源性脑栓塞患者 T 淋巴细胞亚群及氧化应激水平的影响 ..... 郭丽, 郑翔丽, 纪红, 等 (1369)  
纤维支气管镜吸痰联合常规抗感染治疗对重症肺部感染患者肺功能及炎症状态的影响 ..... 孙建, 任柏沉, 杨帆, 等 (1373)  
低分子肝素治疗对 AECOPD 患者肺功能和凝血功能的影响 ..... 邓锐 (1377)  
血清炎症因子与老年癫痫患者脑电图检查的相关性研究 ..... 郭俐, 李雪梅, 张蓉, 等 (1380)  
肱踝脉搏波传导速度对高血压合并冠状动脉粥样硬化患者病变严重程度的判断价值 ..... 赵中, 陈文智, 沈小平, 等 (1383)

胰岛素联合阿仑膦酸钠对老年糖尿病骨质疏松症患者骨密度及血清 BAP、TRAP-5b、BGP 水平影响	王 芳,任汉强,沈晓波(1387)
瑞舒伐他汀与阿托伐他汀治疗非 ST 段抬高型急性心肌梗死患者对炎症因子及左室重构的影响	周 云,渠 乐,朱小莉(1390)
高压氧联合 α-硫辛酸对糖尿病周围神经病变患者神经功能及血清指标的影响	李 玉,齐 玲,李 军(1394)
硝苯地平控释片联合缬沙坦治疗对 2 型糖尿病肾病合并高血压患者血清学指标的影响	陈 松,顾 波,王汉清,等(1398)
甲状腺癌多普勒血流动力学指标与肿瘤增殖、血管新生指标的相关性分析	韦 丽,张 进,张建军,等(1402)
HOLBT 和 TURBT 治疗表浅层膀胱癌的术后肿瘤恶性程度、机体创伤程度评估	王忆勤,姚俊,王照凡,等(1406)
血清 HE4、CP2 检测对子宫内膜癌患者临床病理分子、肿瘤组织中增殖分子表达的评估价值	周 哲,蒋 欣,宋继成,等(1410)
自身抗体检测在系统性红斑狼疮合并难治性血小板减少患者病情评估中的价值	吴晓亮(1414)
甲状腺功能亢进患者甲状腺功能、自身抗体、骨密度及骨代谢指标变化分析	王 艳,阮华玲,李 毅,等(1418)
精神分裂症伴代谢综合征患者血清细胞因子含量测定及与神经电生理的相关性分析	陈立勇,陈 重,李雪晶(1422)
双歧杆菌四联制剂对高胆红素血症新生儿免疫功能和细胞因子水平的影响	张 娟,梁小勤(1426)
儿童哮喘与幽门螺杆菌感染的相关性分析	吴 堂(1429)
粉尘螨过敏性鼻炎患儿接受舌下特异性免疫治疗后气道功能及血液指标评估	向 华(1432)
喜炎平在小儿轮状病毒腹泻治疗中的应用	唐天雄(1436)
肥胖儿童维生素 D 缺乏与糖脂代谢、胰岛素抵抗的关系研究	孙 薇(1438)
右美托咪定对静吸复合麻醉患者神经功能的保护作用及可能分子机制的探究	张 伟,杜金娥(1442)
不同麻醉方式对腹腔镜子宫切除术患者炎症反应及氧化应激反应的影响	王晓光,李戈辉,齐晓非,等(1446)
全膝关节置换术患者术后应用连续股神经阻滞联合浸润麻醉的镇痛效果评估	谭建国(1450)
微创经皮肾镜取石术和单孔后腹腔镜输尿管切开取石术治疗输尿管上段结石的对比研究	黄春雨(1454)
替米沙坦联合左卡尼汀治疗腹膜透析患者疗效分析	程锦绣,潘 星,刘 华,等(1458)
瑞柯恩钬激光电切与常规电切治疗对非浸润性膀胱癌恶性程度、免疫功能的影响	张良锁(1461)
孕晚期血清甲胎蛋白与尿酸水平对妊娠期高血压疾病患者妊娠结局的影响	谭先凤,张玉秀(1465)
食管癌三维适形、调强放疗与常规放疗的临床效果比较	韩建军,贾 霖,贾 利,等(1469)

## 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 義 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)  
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 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)

# Journal of Hainan Medical University

Semimonthly Vol.22 No.13 (Total 164) Jul. 2016

## 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://hnny.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

Yongfa Printing Plant in Haikou

## 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 Jul. 2016

Copyright© 2016 by the Sponsors

## Contents

Regulation of benzoquinones ansamycins 17AAG on malignant biological behaviors of gastric cancer cell lines	FU Jian-xin, HUANG San-zhou, LI Yan, et al.(1329)
NRP-1 gene expression in nasopharyngeal carcinoma tissue and the regulating effect of targeted inhibition of gene expression on cell function	MA Xin-ming(1332)
Effect of small doses of glucocorticoids on HMGB-1, TERM-1, MPO and BALF in rats with acute pancreatitis	MU Lai-xu(1336)
Expression of transcription factors Twist and Snail in cervical intraepithelial neoplasia tissues and their relations with epithelial-mesenchymal transition and cell proliferation	FU Hai-dan(1339)
Changes of osteosarcoma cell biological behavior after Id1 gene silencing by siRNA	XU De-li(1343)
Detection of Twist and YB-1 gene expression in cervical cancer and cervical intraepithelial neoplasia tissue as well as its correlation with epithelial-mesenchymal transition	LIU Qin, LI Hong, ZHANG Yu(1346)
Assessment of serum cytokines, T lymphocyte subsets and STAT3 function in patients with herpes zoster as well as intervention effect of mouse nerve growth factor	XU Yun, TAN Ling-ling, WANG Kai, et al.(1350)
Effect of different doses of atorvastatin on hs-CRP of NSTEMI patients before and after PCI	LIU Wen, MA Yue, QIAN Nong (1354)
Expression level of CRP, NT-proBNP, CK-MB, cTnT and clinical significance analysis for patients with acute myocardial infarction before and after PCI	ZHOU Yang-zhen, LI Yan(1357)
Relationship of serum soluble CD40 ligand and interleukin-18 levels with cerebral infarction	ZOU Qing, YOU Lian-feng, LI Wei, et al.(1361)
Evaluation of the degree of lacunar infarction and carotid atherosclerosis in patients with different severity of OSAS	DU Ming, XIONG Xiao-ling(1365)
Effect of edaravone on T lymphocyte subsets and oxidative stress level in patients with cardiogenic cerebral embolism	GUO Li, ZHENG Xiang-li, JI Hong, et al.(1369)
Effect of sputum suction by bronchofiberscope combined with routine anti-infective therapy on lung function and inflammatory state in patients with severe lung infection	SUN Jian, REN Bai-chen, YANG Fan, et al.(1373)
Influence of low molecular heparin on the blood coagulation function and lung function in AECOPD patients	DENG Rui(1377)
Correlation between serum levels of inflammatory factors and EEG examination in elderly patients with epilepsy	GUO Li, LI Xue-me, ZHANG Rong, et al.(1380)
Judgment value of brachial-ankle pulse wave velocity for lesion severity in hypertension patients with coronary arteriosclerosis	ZHAO Zhong, CHEN Wen-zhi, SHEN Xiao-ping, et al.(1383)
Effect of insulin combined alendronate sodium on bone mineral density and levels of serum BAP, TRAP-5b and BGP in aged patients with type 2 diabetes mellitus with osteoporosis	WANG Fang, REN Han-qiang, SHEN Xiao-bo(1387)
Effects of rosuvastatin and atorvastatin on inflammatory factors and left ventricular remodeling in patients with non-ST segment elevation acute myocardial infarction	ZHOU Yun, QU Le, ZHU Xiao-li(1390)

---

## **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)

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. 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)

Effect of hyperbaric oxygen combined with  $\alpha$ -lipoic acid on neurological function and serum indexes of patients with diabetic peripheral neuropathy ..... LI Yu, QI Ling, LI Jun (1394)

Effect of nifedipine controlled-release tablet combined with valsartan treatment on serological indicators in type 2 diabetic nephropathy patients with hypertension ..... CHEN Song, GU Bo, WANG Han-qing, et al. (1398)

Correlation of thyroid cancer Doppler hemodynamic indexes with tumor proliferation and angiogenesis indexes ..... WEI Li, ZHANG Jin, ZHANG Jian-jun, et al. (1402)

Assessment of malignant degree of tumor and degree of trauma after HOLBT and TURBT treatment of superficial bladder cancer ..... WANG Yi-qin, YAO Jun, WANG Zhao-fan, et al. (1406)

Assessment value of serum HE4 and CP2 contents for the expression of clinical pathological molecules and proliferation molecules in tumor tissue of patients with endometrial carcinoma ..... ZHOU Zhe, JIANG Xin, SONG Ji-cheng, et al. (1410)

Value of autoantibody detection for illness assessment in systemic lupus erythematosus patients with refractory thrombocytopenia ..... WU Xiao-liang (1414)

Changes of thyroid function, autoantibodies, bone mineral density and bone metabolism indexes in patients with hyperthyroidism ..... WANG Yan, RUAN Hua-ling, LI Yi (1418)

Serum cytokine contents in schizophrenia patient with metabolic syndrome and their correlation with nerve electrophysiology ..... CHEN Li-yong, CHEN Zhong, LI Xue-jing (1422)

Influence of bifidobacterium quadruple preparations on immunity function and cytokine of hyperbilirubinemia neonatal ..... ZHANG Juan, LIANG Xiao-qin (1426)

Relationship between childhood asthma and Helicobacter pylori infection ..... WU Ying (1429)

Evaluation of airway function indicators and blood indicators in children with dust mite allergic rhinitis after sublingual immunotherapy ..... XIANG Hua (1432)

Application of Xiyanping in the treatment of infantile rotavirus diarrhea ..... TANG Tian-xiong (1436)

Research on relationship of vitamin D deficiency with glucolipid metabolism and insulin resistance in obese children ..... SUN Wei (1438)

Protective effect of dexmedetomidine on neurological function of patients with intravenous inhalational anesthesia and the possible molecular mechanism ..... ZHANG Wei, DU Jin-e (1442)

Effect of different anesthesia methods on inflammation and oxidative stress in patients with laparoscopic hysterectomy ..... WANG Xiao-guang, LI Ge-hui, QI Xiao-fei, et al. (1446)

Analgesic effect of applying continuous femoral nerve block combined with infiltration anesthesia after total knee replacement ..... TAN Jian-guo (1450)

Controlled study on minimally invasive percutaneous nephrolithotomy and laparo-endoscopic single-site ureterolithotomy treatment of upper ureteral calculi ..... HUANG Chun-yu (1454)

Clinical therapeutic effect of telmisartan in combined with L-carnitine on the peritoneal dialysis patients ..... CHENG Jin-xiu, PAN Xing, LIU Hua, et al. (1458)

Effect of Raykeen holmium laser electric resection and conventional electric resection on malignant degree and immune function of non-invasive bladder cancer ..... ZHANG Liang-suo (1461)

Affect of serum alpha-fetoprotein and uric acid levels on pregnancy outcome in late pregnancy women with hypertensive disorder complicating pregnancy ..... TAN Xian-feng, ZHANG Yu-xiu (1465)

Comparison of the clinical effects of three-dimensional conformal radiotherapy, intensity modulated radiotherapy, and conventional radiotherapy in the treatment of esophageal cancer ..... HAN Jian-jun, JIA Lin, JIA Li, et al. (1469)



# 海南医学院学报

1995年5月创刊·半月刊  
2016年第22卷第13期(总第164期)

# JOURNAL OF HAINAN MEDICAL UNIVERSITY

Started in 1995, Semimonthly  
No.13 Vol.22 Sum.164 2016

主管单位 海南省教育厅  
主办单位 海南医学院  
编辑单位 海南医学院学报编辑委员会  
主编 刘军保  
执行主编 屈顺海  
出版单位 海南医学院学报编辑部  
印刷单位 海口永发印刷厂有限公司  
发行范围 国内外公开发行  
发 行 海口市邮政局  
订 阅 全国各地邮政局  
电 话 (0898) 66893391  
传 真 (0898) 66890465  
地 址 海南省海口市学院路(571199)  
电子信箱 hnyxyb@126.com  
主 页 [Http://hnyy.cbpt.cnki.net](http://hnyy.cbpt.cnki.net)  
出版日期 2016年7月14日

**Competent Authorities:** Education Department of Hainan Province  
**Sponsored by:** Hainan Medical University  
**Edited by:** Editorial Committee of Journal of Hainan Medical University  
**Editor-in-Chief:** LIU Jun-bao  
**Executive Editor-in-Chief:** Qu shun-hai  
**Publishing:** Editorial Board of Journal of Hainan Medical University  
**Printing by:** Yongfa Printing Plant in Haikou  
**Distributing Range:** Public Availability Domestic and Overseas  
**Distributor:** Post Bureau of Haikou  
**Domestic Subscription:** Post Offices All Over China  
**Telephone:** (0898) 66893391  
**Fax:** (0898) 66890465  
**Address:** Xueyuan Road, Haikou, Hainan (571199)  
**Email Address:** hnyxyb@126.com  
**Home Page:** [Http://hnyy.cbpt.cnki.net](http://hnyy.cbpt.cnki.net)  
**Published on:** Jul. 14<sup>th</sup> 2016

ISSN 1007-1237  
CN 46-1049/R

广告许可证: 琼工商广字018号 邮发代号: 84-14 定价: 15.00元