

# 中国热带医学

ZHONGGUO REDAI YIXUE  
CHINA TROPICAL MEDICINE

2011年1月

第11卷

第1期 Vol. 11

No. 1

月刊

**主 管**

中华人民共和国卫生部

**主 办**

中华预防医学会

海南省疾病预防控制中心

**协 办**

海南省人民医院

海南医学院附属医院

海南省中医院

解放军第187中心医院

海口市人民医院

海南农垦总医院

海南海灵化学制药有限公司

先声药业有限公司

**编 辑**

中国热带医学编辑委员会

**出 版**

中国热带医学杂志社

地址:中国海南省海口市海府路44号

邮政编码:570203

电话:(86)-0898-65377298、65326675

传真:(86)-0898-65322196(自动)

电子邮箱:ctmffff@vip.163.com

ctmffff@163.com

ctmffff@sina.com

网 址:<http://www.cntrtropmed.com>

社 长 杜建伟

主 编 杜建伟

副 主 编 王善青、崔宜庆(常务)

编辑部主任 崔宜庆(兼)

副 主 任 符式刚

**发 行**

中国热带医学杂志社

广告经营许可证:琼工商广字121号

中国标准刊号:ISSN 1009-9727

CN46-1064/R

**印 刷**

海南世知印刷工业有限公司

**定 价**

每期 15.00 元

全年 12 期共 180.00 元

**定 购**

全国各地邮政局:邮发代号:84-20

**邮 购**

中国热带医学杂志编辑部

中国海南省海口市海府路44号

邮编:570203

电话:0898-65377298、65326675

传真:0898-65322196(自动)

电子邮箱:ctmffff@163.com

2011年版权归中国热带医学杂志社所有  
(如有印装质量问题请与编辑部联系更换)

## 目 次

**论 著**

- 恶性疟原虫地理株体外培养及 var 基因转录方法的建立 ..... 张逸龙, 张青峰, 魏桂英, 等(1)  
深圳市食源性金葡萄的耐药趋势及携带肠毒素监测 ..... 王冰, 林一曼, 冼慧霞, 等(5)  
产 AmpC 酶弗劳地枸橼酸杆菌的耐药基因研究 ..... 曾红莲, 赵东明, 徐韫健, 等(7)  
双向凝胶电泳分析脾脏蛋白组学的方法研究 ..... 邱芳华, 刘卫农, 陈求刚(10)  
pAkt 在肝细胞肝癌中的表达及意义 ..... 曾文涛, 张常华, 陈连周, 等(12)  
福州市实施世行贷款/英国赠款结核病控制项目 7 年效果分析 ..... 方小平, 黄玲, 赵玉杭(14)  
宿主细胞凋亡与马尔尼菲青霉致病性相关性研究 ..... 张军民, 林佳吟, 谢治, 等(16)  
海南省新生儿接种乙肝疫苗成本效益分析 ..... 李俊, 孙莲英, 曾雪霞, 等(18)  
流动人口肺结核患者跨区域转诊干预效果分析 ..... 王健, 朱闵敏, 郭旭君, 等(21)  
HIV - 1 高暴露持续血清阴性者非特异性 T 细胞免疫功能研究 ..... 唐蔚, 王辉, 张洁云, 等(24)  
38kDa 抗原用于肺结核血清学诊断的 meta 分析 ..... 吴奎海, 王凤平, 孙静静, 等(26)  
荧光定量 RT - PCR 检测发热患者甲型 H1N1 流感效果 ..... 张艳, 刘晶, 杨梦迪, 等(30)  
广西全州县 50 余年疟疾防治措施和效果分析 ..... 李珍, 吴才国, 梁爱民, 等(32)  
海南省汉族 HBV 基因型与肝功能关系的研究 ..... 曾俊涛, 陈静(35)  
广西百色市 4 县 1995 ~ 2009 年疟疾防治效果评价 ..... 江超德, 黄亚铭, 林永建, 等(37)  
Design of universal sequence - tagged oligonucleotide probes for spot quality control of microarrays(英文) ..... YANG Qiong, SHEN Nian - han, CAI Cui - xia, et al. (39)  
氯氰菊酯与增效剂复配杀灭三现场淡色库蚊效果观察 ..... 刘波, 桂建军, 赵方明(43)

## 疾病监控

- 广西 2 例输入性登革热病例分析 ..... 谢艺红, 谭毅, 周开姣, 等(45)  
海南省 2005 ~ 2009 年急性弛缓性麻痹病例病原学监测分析 ..... 陈海云, 潘正帆, 潘婷婷, 等(46)  
茂名市 2008 ~ 2009 年手足口病流行病学分析 ..... 何展, 吴文锋, 许桂锋, 等(48)  
江苏睢宁县全国疟疾监测点调查结果分析 ..... 唐月娥, 仲崇义, 姜从兵, 等(50)  
深圳市龙岗区 1994 ~ 2008 年霍乱监测结果分析 ..... 董建, 刘凤仁, 刘渠, 等(52)  
深圳市就医患者 HIV 病毒感染调查 ..... 曹文平, 吴少卿, 陈伟英(54)  
郴州市 1954 ~ 2009 年麻风疫情流行趋势分析 ..... 李月宜(55)  
2003 ~ 2008 年海口市 18 起学校食物中毒分析及对策 ..... 张帆(57)  
泉州市 2005 ~ 2009 年流行性出血热监测分析 ..... 张庆虎, 李峰平, 龚苍涛, 等(58)  
溶剂解吸气相色谱法测定工作场所空气中的溶剂汽油 ..... 陈华宜, 李兆琦(60)  
泉州市 2002 ~ 2008 年性病门诊就诊者性传播疾病监测分析 ..... 贺兴增, 龚苍涛, 李峰平, 等(61)  
广东梅县 2006 ~ 2008 年学校食堂食品原材料卫生状况调查 ..... 巫卓英, 伍好新, 杨勇文, 等(63)  
儿童与成年人变应性鼻炎尘螨皮试与血清检测结果分析 ..... 苏芳, 孟庆翔, 谢景华(64)  
三门峡市 2009 年手足口病标本核酸检测结果分析 ..... 赵建明, 杨洁, 王丽萍(66)  
某精细化学品生产企业职业病危害防护措施效果评价 ..... 范新芳(67)  
广东龙门县医疗保健机构消毒质量监测结果分析 ..... 张玉桃, 黄贤(69)  
桂林市 255 份食品餐饮具卫生检测结果分析 ..... 陆贞玉, 李文智(70)  
深圳市宝安区 1993 ~ 2009 年职业病分析 ..... 汪亚松, 陈伟武, 林炳杰(72)  
河南登封市 2009 年感染性腹泻监测分析 ..... 张胜勇, 李洪民, 王德祥, 等(74)  
西双版纳州 2004 ~ 2009 年肠道传染病流行特征分析 ..... 李园园(75)  
基质金属蛋白酶 2 和 9 在寻常型银屑病中的表达及其意义 ..... 麦土兴, 罗雄伟, 陈新, 等(77)  
新疆五县(区)孕产妇死亡调查 ..... 马江平, 罗卫平, 刘来新, 等(79)

## 实验研究

- 高温高湿条件下脊髓火器伤后生命体征变化特征 ..... 郭瑛, 贾连顺, 黄剑侯, 等(80)  
蛋白芯片技术检测肺炎支原体 IgM 抗体的应用评价 ..... 曹军皓, 赵冰红, 黄前川(83)  
ELISA、MEIA 和 WB 检测 TORCH - IgM 和 IgG 抗体的效果 ..... 周薇, 杜静, 肖琴(84)  
溃疡性结肠炎患者 Th17 和 Th1/Th2 细胞亚群的研究 ..... 张少华(86)

## 临床研究

- AIDS 合并肺结核患者抗结核药物致肝功能损害的临床分析 ..... 伍桂雄, 莫让辉, 莫穆隆, 等(88)  
不同干手方式效果与效益比较 ..... 杨迎花, 刘芙蓉, 张天敏, 等(89)

孕妇乙肝大小三阳与血清 HBV DNA 浓度关系	彭其才,范建辉,许成芳,等(91)
新生儿监护室内感染预防及对策	云青(92)
贝那普利对急性脑梗死患者血清抵抗素水平的影响	林慧怡,杨新伟,姚震,等(94)
先天性肾上腺皮质增生症 1 例	张星光,吕肖锋,许秀萍,等(96)
不同治疗方法对初诊 2 型糖尿病血内脏脂肪素水平的影响	韩瑛,吕肖锋,赵晶,等(97)
端粒酶 hTERT 与 p27 蛋白在子宫内膜癌中的表达	刘宏侠,李万斌(99)
48 例结核性脑膜炎临床分析	陈辉,樊治中,张微微(102)
567 例变态反应性结膜炎过敏原检测临床分析	林静,张开颜,邓慧琳(103)
瑞舒伐他汀治疗血脂异常及消炎的疗效观察	吴忠,田佳,乔平,等(105)
O 型孕妇 ABO 血型特殊抗体检测在新生儿溶血预测中的价值	李爽,刘畅,秦艳玲(106)
肿瘤标志物联检对胸腔积液的鉴别诊断意义	曹学民(108)
一株志贺菌检验鉴定结果误判原因分析	陈柳军,邹碧,余钧池(109)

#### 研究进展

T <sub>H</sub> 22 细胞:一种新型的辅助型 T 细胞	吕晶,徐军发(111)
气候变化对鼠疫的影响	张宁,宋志忠(114)
四种致泻性大肠埃希氏菌实验室检测研究进展	金玉娟,刘渠,陈应坚,等(116)
病原微生物胞内寄生机制的研究进展	赵江丽,陈宣男,姜铮,等(119)
骨髓间充质干细胞分化为心肌细胞的研究进展	陈善义,李岷雯(123)
降钙素原对败血症早期诊断价值的系统评价	吴淡娟,芮勇宇,王前,等(126)

[期刊基本参数]CN461064/R \* 2001 \* B180 \* ch + en \* p \* ¥15.00 \* 2800 \* 63 \* 2011 - 1

本期责任编辑:杜中华

# CHINA TROPICAL MEDICINE

Monthly

Established in 2001

Volume 11 , Number 1

January , 2011

## Responsible Institution

Ministry of Health of the  
People's Republic of China

## Sponsors:

China Preventive Medicine Association  
& Hainan Provincial Center for Disease  
Control and Prevention

## Co-sponsors:

Hainan Provincial People's Hospital  
Affiliated Hospital of Hainan Medical College  
Hainan Provincial TCM Hospital  
No. 187 Hospital of PLA  
Haikou Municipal People's Hospital  
Hainan Provincial Nongken General Hospital  
Hainan Hailing Chemical Pharmaceutic Co. Ltd.

## Editing :

The Editorial Board of China Tropical  
Medicine

## Address :

44 Haifu Road, Haikou, Hainan 570203 ,  
The People's Republic of China  
Tel: (86)-0898-65377298,65326675  
Fax: (86)-0898-65322196 (Automatic)  
E-mail : ctmffff@ vip. 163. com  
ctmffff@ 163. com  
website : http://www. entropmed. com

## Director of Editorial Committee

DU Jian - wei

## Editor-in-Chief :

DU Jian - wei

## Managing Editor-in-Chief :

WANG Shan - qing, CUI Yi - qing

## Chief of Editorial Department :

CUI Yi - qing

## Printing

Hainan Shizhi Pringting Industry Co. Ltd.

## Price

Domestic: RMB 15. 00 per issue

Overseas: \$ 10. 00 per issue

## Subscription : Local post office

Mail-order : The Editorial Department of  
China Tropical Medicine

ISSN : 1009-9727

CN: 46-1064/R

## CONTENTS

### ORIGINAL ARTICLES

- Establishment of continuous cultivation of *Plasmodium falciparum* field isolates and transcription analysis of their var gene. .... ZHANG Yi - long, ZHANG Qing - feng, WEI Gui - ying, et al. (1)
- Survey of drug resistance of food - borne *Staphylococcus aureus* in Shenzhen City. .... WANG Bing, LIN Yi - man, XIAN Hui - xia, et al. (5)
- Study on resistance gene of AmpC  $\beta$  - lactamase in *Citrobacter freundii*. .... ZENG Hong - lian, ZHAO Dong - ming, XU Yun - jian, et al. (7)
- Establishment of two - dimensional polyacrylamide gel electrophoresis techniques for analysis of spleen tissues. .... QIU Fang - hua, RAO Wei - nong, CHEN Qiu - gang. (10)
- Expression and clinical significance of pAkt in hepatocellular carcinoma. .... ZENG Wen - tao, ZHANG Chang - hua, CHEN Lian - zhou, et al. (12)
- Analysis of effects of implementation on WB/DFID tuberculosis control project in the past seven years in Fuzhou City. .... FANG Xiao - ping, HUANG Ling, ZHAO Yu - hang. (14)
- Correlation between apoptosis of host cell and pathogenicity of *Penicillium marneffei*. .... ZANG jun - min, LIN jia - yin, XIE zhi, et al. (16)
- Cost - benefit analysis of hepatitis B vaccine inoculation in infants in Hainan. .... LI Jun, SUN Lian - ying, ZENG Xue - xia, et al. (18)
- Intervention on cross - regional referral of tuberculosis patients among floating population and its influential factors. .... WANG Jian, ZHU Min - min, GUO Xu - jun, et al. (21)
- Study on nonspecific immune function of T lymphocyte in highly exposed - and - seronegative HIV - 1 individuals. .... TANG Wei, WANG Hui, ZHANG Jie - yun, et al. (24)
- A meta - analysis of diagnosis of *Mycobacterium tuberculosis* by using 38kDa antigen. .... WU Kui - hai, WANG Feng - ping, SUN Jing - jing, et al. (26)
- Application of real time RT - PCR for detecting the novel influenza virus A (H1N1) RNA in febrile outpatients. .... ZANG Yan, LIU Jing, YANG Meng - di, et al. (30)
- Analysis of results of malaria control and anti - malaria measure in Quanzhou County in a period over 50 years. .... LI Zhen, WU Cai - guo, LIANG Ai - min, et al. (32)
- Correlation of hepatitis B virus genotypes with liver function in Hainan Han nationality. .... ZENG Jun - tao, CHEN Jing. (35)
- Evaluation of malaria control effect in 4 counties of Baise City, Guangxi from 1995 to 2009. .... JIANG Chao - sui, HUANG Ya - ming, LIN Yong - jian, et al. (37)

Design of universal sequence - tagged oligonucleotide probes for spot quality control of microarrays. (in English) .....	YANG Qiong, SHEN Nian - han, CAI Cui - xia, et al. (39)
Effects of cypermethrin mixed with synergists against three field <i>Culex pipiens pallens</i> . .....	LIU Bo, CUI Jian - jun, ZHAO Fang - ming. (43)

## DISEASE CONTROL

Survey of two imported dengue fever cases in Guangxi from 2006 ~ 2008. ....	XIE Yi - hong, TAN - Yi, ZHOU Kai - jiao, et al. (45)
Results of pathogenic surveillance of acute flaccid paralysis cases in Hainan Province in 2005 ~ 2009. ....	CHEN Hai - yun, PAN Zhen - fan, PAN Ting - ting, et al. (46)
Prevalence and control of hand - foot - mouth disease in Maoming City. ....	HE Zhan, WU Wen - feng, XU Gui - feng, et al. (48)
Results of surveillance of malaria in Suining County. ....	TANG Yue - e, ZHONG Cong - yi, JIANG Cong - bing, et al. (50)
Analysis of results of monitoring of cholera in Longgang District of Shenzhen from 1994 to 2008. ....	DONG Jian, LIU Feng - ren, LIU Qu, et al. (52)
Survey of HIV/AIDS infection in outpatients in Shenzhen. ....	CAO Wen - ping, WU Shao - qing, CHEN Wei - ying. (54)
Prevalent trend of leprosy cases in Chenzhou City, Hunan in 1954 ~ 2009. ....	LI Yue - yi. (55)
Analysis of school food poisoning in Haikou City in 2003 ~ 2008. ....	ZHANG Fan. (57)
Surveillance of epidemic hemorrhagic fever in Quanzhou City from 2005 to 2009. ....	ZHANG Qing - hu, LI Feng - ping, GONG Cang - tao, et al. (58)
Determination of the solvent gasolines in the air of workplace by solvent desorption gas chromatography. ....	CHEN Hua - yi, LI Zhao - qi. (60)
Results of monitoring of STD among outpatients in Quanzhou City in 2002 ~ 2008. ....	HE Xing - zeng, CONG Cang - tao, LI Feng - ping, et al. (61)
Survey of hygienic conditions of food materials in school canteens in Meixian County from 2006 to 2008. ....	WU Zhuo - ying, WU Hao - xin, YANG Yong - wen, et al. (63)
Results for skin test and serum analysis of children and adults allergic rhinitis to dust mite. ....	SU Fang, MENG Qing - xiang, XIE Jing - hua. (64)
Results of nuclear acid detection of hand - foot - mouth disease samples in Sanmenxia City in 2009. ....	ZHAO Jian - ming, YANG Jie, WANG Li - ping. (66)
Evaluation of preventive measures for dealing with occupational diseases in a refine chemical enterprise. ....	FAN Xin - sang. (67)
Monitoring results of sterilization quality in Longmen County medical care institutions. ....	ZHANG Yu - tao, HUANG Xian. (69)
Hygienic survey of food and tableware in Guilin City. ....	LU Zhen - yu, LI Wen - zhi. (70)
An analysis of occupational diseases in Bao'an District of Shenzhen from 1993 to 2009. ....	WANG Ya - song, CHEN Wei - wu, LIN Bin - jie. (72)
Results of monitoring of infective diarrhea in Dengfeng City in 2009. ....	ZHANG Sheng - yong, LI Hong - min, WANG De - xiang, et al. (74)
Prevalent features of intestinal infectious diseases in Xishuangbanna Prefecture in 2004 ~ 2009. ....	LI Yuan - yuan. (75)
Expression and significance of matrix metalloproteinase 2 and 9 in psoriasis vulgaris patients. ....	MAI Tu - xing, LUO Xiong - wei, CHEN Xin, et al. (77)
Survey of mortality of pregnant and lying - in women in five counties of Xinjiang Province. ....	MA Jiang - ping, LUO Wei - ping, LIU Lai - xin, et al. (79)

## EXPERIMENTAL STUDY

- Animal model of firearm injury to spinal cord in a hot and humid environment and the variations of vial signs. .... GUO Ying, JIA Lian - shun, HUANG Jian - hou, et al. (80)
- Evaluation of application of protein chips in detection of serum IgM to *Mycoplasma pneumoniae*. .... CAO Jun - hao, ZHAO Bing - hong, HUANG Qian - chuan. (83)
- Comparison of detection TORCH - IgM and IgG antibodies with three techniques. .... ZHOU Wei, DU Jing, XIAO Qin. (84)
- Detection of quantity of Th17 and Th1/Tb2 subsets in peripheral blood of the patients with ulcerative colitis. .... ZHANG Shao - hua. (86)

## CLINICAL RESEARCH

- Clinical analysis of injury to liver function due to anti - tuberculosis drugs in AIDS patients complicated with tuberculosis. .... WU Gui - xiong, MO Rang - hui, MO Mu - long, et al. (88)
- Comparison of results of different hand - cleaning methods. .... YANG Ying - hua, LIU Fu - rong, ZHANG Tian - min, et al. (89)
- Correlation of HBV carrying conditions with oncentration of HBV DNA in pregnant. .... PENG Qi - cai, FAN Jian - hui, XU Cheng - fang, et al. (91)
- Measures for prevention and control of nosocomial infection in the newborns in ICU. .... YUN Qing. (92)
- The effect of benazepril on serum concentration of resistin in patients with acute cerebral infarction. .... LIN Hui - yi, YANG Xin - wei, YAO Zhen, et al. (94)
- A congenital adrenal hyperplasia case. .... ZHANG Xing - guang, LÜ Xiao - feng, XU Xiu - ping, et al. (96)
- Effect of different insulin therapies on newly diagnosed type 2 diabetic patients. .... HAN Ying, LÜ Xiao - feng, ZHAO Jing, et al. (97)
- Expression and significance of telomerase hTERT and p27 proteins in endometrial carcinoma and normal endometrium tissues. .... LIU Hong - xia, LI Wan - bin. (99)
- Clinical analysis of 48 tuberculous meningitis patients( attached with a cerebral tuberculoma case). .... CHEN Hui, FAN Zhi - zhong, ZHANG Wei - wei. (102)
- Clinical analysis of detection of allergen in 567 cases of allergic conjunctivitis . .... LIN Jing, ZHANG Kai - yan, DENG Hui - lin. (103)
- Effect of rosuvastatin on dyslipidemia and anti - inflammation. .... WU Zhong, TIAN Jia, QIAO Ping, et al. (105)
- Detection of antibody to ABO blood group of 215 pregnant with O blood group for predicting hemolysis in the newborns. .... LI Shuang, LIU Chang, QIN Yan - ling. (106)
- Significance of joint detection of tumor markers in differential diagnosis of pleural effusion. .... CAO Xue - min. (108)
- Analysis of cause of misidentification of a *Shigella* strain. .... CHEN Liu - jun, ZOU Bi, YU Jun - chi. (109)

## RESEARCH PROGRESS

- Th22 cell, a novel T helper cells. .... LÜ Jing, XU Jun - fa. (111)
- Impact of climate change on plague. .... ZHANG Ning, SONG Zhi - zhong. (114)
- Advance in laboratory detection of four diarrheagenic *Escherichia coli*. .... JIN Yu - juan, LIU Qu, CHEN Ying - jian, et al. (116)
- Advance in the research of intracellular parasitic mechanism of pathogenic microorganisms. .... ZHAO Jiang - li, CHEN Xuan - nan, JIANG Zheng, et al. (119)
- Advance in research of bone marrow mesenchymal stem cells differentiating into cardiomyocytes. .... CHEN Shan - Yi, LI Min - wen. (123)
- Systematic evaluation of value of procalcitonin in early diagnosis of septicemia. .... WU Dan - juan, RUI Yong - yu, WANG Qian, et al. (126)