

# 中国血吸虫病防治杂志

Zhongguo Xuexichongbing Fangzhi Zazhi

双月刊 1989年2月创刊 第22卷 第5期 2010年10月15日出版

## 主 管

中华人民共和国卫生部  
(北京市西城区西直门外南路1号  
邮政编码100044)

## 主 办

中华预防医学会  
(北京市西城区鼓楼西大街154号  
邮政编码100009)  
江苏省血吸虫病防治研究所  
(江苏省无锡市梅园 邮政编码214064)

## 编 辑

中国血吸虫病防治杂志编辑委员会

## 主 编

周晓农

## 常务副主编

梁幼生

## 编辑部主任

洪青标

## 出版发行

中国血吸虫病防治杂志编辑部  
地址:江苏省无锡市梅园  
邮政编码:214064  
电话:(0510)85517721-8856, 8857  
传真:(0510)85510263  
E-mail:xfbjb@sohu.com  
xfbjb@yahoo.com.cn  
http://www.zgxfz.com  
广告经营许可证号:3202010530008

## 发行范围

国内外发行

## 印 刷

江苏省宜兴市德胜印刷有限公司

## 定 价

每期18.00元 全年108.00元

## 中国标准刊号

ISSN 1005-6661  
CN 32-1374/R

2010年版权归中华预防医学会所有

本刊刊出的所有文章不代表中华预防医学会和本刊编委会的观点,除非特别声明。

本刊如有印装质量问题,请向本刊编辑部调换。

## 目 次

### 述 评

我国水利血防工程对控制血吸虫病传播的作用和意义.....徐兴建,卢金友,彭汛(403)

### 论 著

合溪水库工程对血吸虫病传播的影响及预防控制对策研究.....闻礼永,朱明东,严晓岚,等(407)  
大型水利血防工程控制血吸虫病传播的效果.....陈艳艳,元艺,周斌,等(411)

南水北调中线引江济汉工程对血吸虫病传播风险评估及干预措施.....朱红,元艺,徐兴建(415)

南水北调东线一期工程血吸虫病监测预警研究 II 钉螺和血吸虫病监测.....左引萍,孙道宽,黄轶昕,等(420)

静水不同水深条件下钉螺运动实验研究.....元艺,林嵩艺,卢金友,等(425)

东方田鼠肝脏裂解物筛选日本血吸虫噬菌体展示抗原的免疫预防效果.....王素娟,刘金明,邢荣鹤,等(431)

抗日本血吸虫重组信号蛋白 14-3-3 单克隆抗体的制备和鉴定.....钱春燕,余传信,宋丽君,等(437)

日本血吸虫 rSj14-3-3 疫苗对小鼠抗虫免疫效应的研究.....蒋就喜,房修罗,胡婷婷(442)

江苏省血吸虫病监测预警系统的研究 III 长江水域血吸虫感染性的时空分布.....孙乐平,戴建荣,洪青标,等(446)

空心莲子草人工群落灭螺效果及机理研究.....吴春红,易兵,杨建明,等(452)

洞庭湖区围栏封洲禁牧控制血吸虫病效果.....刘宗传,贺宏斌,王志新,等(459)

洞庭湖区流动渔民血吸虫病流行病学评估.....周杰,黄翠云,何永康,等(464)

江苏省北部地区华支睾吸虫病流行现状调查.....沈明学,金小林,李健,等(468)

2009年浙江省疟疾重点监测地区疫情.....许翔,姚立农,杨婷婷,等(472)

大学生蠕形螨感染调查管理信息系统的开发与应用.....钟沁萍,明珍平,蒋明森,等(475)

《中国血吸虫病防治杂志》  
第六届编委会

名誉主编 王陇德(院士)

顾问 郑江 吴观陵  
朱荫昌 陈名刚  
余森海

主编 周晓农

副主编

胡晓抒 姜庆五 林矫矫  
高琪 梁幼生

常务副主编 梁幼生

常务编委

胡晓抒 王宇 杨维中  
汤林华 周晓农 姜庆五  
林矫矫 高琪 梁幼生  
汪天平 李华忠 管晓虹

编委

王天贵 王勇 王豫林  
尹治成 冯振卿 任光辉  
李光耀 李建中 李岳生  
李雍龙 朱昌亮 陈红根  
汪世平 吴红辉 吴兆荣  
吴忠道 吴晓华 邱东川  
沈际佳 余新炳 余传信  
张世清 张旭东 张险峰  
林丹丹 林桂新 易冬华  
郑伟 周斌 胡守敬  
胡渝 胡薇 郭家钢  
闻礼永 赵根明 夏超明  
徐兴建 袁文宗 曹建平  
董兴齐 蒋明森 蔡凯平  
熊继杰 戴裕海 戴建荣

编辑部主任 洪青标

英文编辑 黄一心

责任编辑 汪伟

短篇论著

- 斑点免疫金渗滤法检测弓形虫感染效果  
.....宋成,沈振海,徐明,等(479)
- 传播阻断地区流动人口血吸虫病防控新模式研究.....施南峰(482)
- 中华按蚊实验室驯化研究.....李菊林,李学兵,周华云,等(485)
- 潜江市整合资源综合防治血吸虫病  
效果.....王晶,王文梁,熊元强,等(487)
- 湖北省阳新县富水下游防洪灭螺  
治理一期工程疫情监测.....梁勤寅,王金胜,王能日,等(490)
- 不限钠饮食加利尿剂治疗晚期血吸虫病腹水效果  
.....罗伏军,姚作平(493)

防治管理

- 湖北省荆州市血吸虫病预防控制  
工作标杆值研究.....廖斯琪,洪志华,王加松,等(495)

综述

- 疫水测定在血吸虫病预测预警中的应用.....吴锋,黄轶昕(500)
- 杀螺药物氯硝柳胺研究进展.....邢云天,戴建荣(504)
- Kupffer 细胞在血吸虫病肝纤维化中的  
作用.....王文节,杨江华,唐小牛(509)

学术争鸣

- 提高人体寄生虫学教学质量的探讨.....许兵红,史明珠(512)

防治经验

- 江苏省南部3市孕妇弓形虫感染情况  
调查.....唐凤,华海涌,胡一河,等(436)
- 重庆市万州区农村居民血吸虫病知识知晓情况调查.....周新(441)
- 山丘型血吸虫病传播阻断地区环境  
改造工程灭螺效果.....方益民,程羽凤,方荣乐,等(451)
- 宁波市广州管圆线虫病自然疫源  
地调查.....叶丽萍,许国章,张吉楠,等(463)
- 2007-2008年鄱阳湖区饭湖自然村  
居民寄生虫感染状况调查.....彭国华,陈海婴,熊志伟,等(478)
- 2008-2009年诸暨市流动人口血吸虫病  
监测.....谢锦荣,陈祖华,俞柳燕(514)
- 常熟市晚期血吸虫病现状调查.....周卫恩(515)
- 2005-2009年监利县窑垸村血吸  
虫病疫情监测.....万东方,廖昌军,唐良明,等(516)
- 一种压碎钉螺螺壳的新方法.....彭怀明,周书林(518)

病例报道

- 吡喹酮治疗急性血吸虫病致癔症1例.....戴盛菊(419)
- 三峡库区首例肝片形吸虫病.....杜幼芹,邱红根,任东明(519)
- 传播阻断地区1例输入性急性血吸虫病误诊分析  
.....李晓明,余凤革(520)

信息

- 2011年《中国血吸虫病防治杂志》征订启事.....(424)
- 2010年全国血吸虫病防治工作研讨会纪要.....(430)
- 《中国血吸虫病防治杂志》稿约见2010年第22卷第1期VI页

# CHINESE JOURNAL OF SCHISTOSOMIASIS CONTROL

Bimonthly

Established in February 1989

Volume 22, Number 5

October 15, 2010

## Competent Authorities

Ministry of Health, P. R. China

## Sponsor

Chinese Preventive Medicine Association  
Jiangsu Institute of Parasitic Diseases

## Editing

Editorial Board of Chinese Journal  
of Schistosomiasis Control

## Editor-in-Chief

Zhou Xiao-nong

## Executive Editor-in-Vice-Chief

Liang You-sheng

## Managing Editor

Hong Qing-biao

## Publishing and Subscription

Editorial Office of Chinese Journal  
of Schistosomiasis Control

Address: Meiyuan, Wuxi, Jiangsu,  
214064, P.R. China

Phone: 86-510-85517721-8856, 8857

Fax: 86-510-85510263

E-mail: xfbjb@sohu.com

xfbjb@yahoo.com.cn

http://www.zgxfzz.com

## Subscription

Domestic and Overseas

## Printing

Desheng Printing Co., Ltd.  
Yixing, Jiangsu

## Fixed Price

18.00 yuan per issue

108.00 yuan per year

ISSN 1005-6661

CN 32-1374/R

Copyright © 2010, by Chinese  
Preventive Medicine Association

## CONTENTS

### EDITORIAL

Function and signification of water conservancy and anti-schistosomiasis project  
to control schistosomiasis transmission in China

.....Xu Xing-jian, Lu Jin-you, Peng Xun(403)

### ORIGINAL ARTICLES

Impact of Hexi Reservoir Project on schistosomiasis transmission and prevention  
and control strategies.....Wen Li-yong, Zhu Ming-dong, Yan Xiao-lan, et al(407)

Effect evaluation of large water conservancy project on control of  
schistosomiasis transmission.....Chen Yan-yan, Yuan Yi, Zhou Bin, et al(411)

Risk assessment of the Water Transfer Project from the Yangtze River to Han  
River in middle scheme of the South-to-North Water Diversion Project on  
schistosomiasis transmission and intervention measures  
.....Zhu Hong, Yuan Yi, Xu Xing-jian(415)

Study on surveillance and early-warning system of schistosomiasis in first phase  
of east route of the South-to-North Water Diversion Project II Surveillance of  
*Oncomelania hupensis* and schistosomiasis  
.....Zuo Yin-ping, Sun Dao-kuan, Huang Yi-xin, et al(420)

Experimental study on *Oncomelania hupensis* snails climbing movement in still  
water.....Yuan Yi, Lin Song-yi, Lu Jin-you, et al(425)

Evaluation of vaccine potential of phage-displayed *Schistosoma japonicum*  
antigens identified with liver extracts of *Microtus fortis*  
.....Wang Su-juan, Liu Jin-ming, Xing Rong-he, et al(431)

Preparation and identification of monoclonal antibodies against recombinant  
signal protein 14-3-3 of *Schistosoma japonicum*  
.....Qian Chun-yan, Yu Chuan-xin, Song Li-jun, et al(437)

Anti-schistosomiasis effect induced by rSj14-3-3 vaccine in BALB/c mice  
.....Jiang Jiu-xi, Fang Xiu-luo, Hu Ting-ting(442)

Surveillance and forecast system of schistosomiasis in Jiangsu Province III  
Temporal and spatial distribution of water infectivity of the Yangtze River  
.....Sun Le-ping, Dai Jian-rong, Hong Qing-biao, et al(446)

Study on molluscicidal effect and mechanism of artificial communities with  
*Alternanthera philoxeroides*.....Wu Chun-hong, Yi Bing, Yang Jian-ming, et al(452)

Effect of marshland isolation and grazing prohibition on schistosomiasis control  
in Dongting Lake region.....Liu Zong-chuan, He Hong-bin, Wang Zhi-xin, et al(459)

Epidemiological evaluation of schistosomiasis in migrant fishermen in Dongting  
Lake region.....Zhou Jie, Huang Cui-yun, He Yong-kang, et al(464)

Investigation on epidemic status of clonorchiasis in Northern Jiangsu Province  
.....Shen Ming-xue, Jin Xiao-lin, Li Jian, et al(468)

Malaria situation in key areas of Zhejiang Province, 2009 .....	Xu Xiang, Yao Li-nong, Yang Ting-rong, et al(472)
Development and application of Management Information System for investigation of <i>Follicle mites</i> infection in undergraduate students .....	Zhong Qin-ping, Ming Zhen-ping, Jiang Ming-sen, et al(475)

#### SHORT ARTICLES

Effect of dot immunogold filtration assay for detection of <i>Toxoplasma gondii</i> infection .....	Song Cheng, Shen Zhen-hai, Xu Ming, et al(479)
Study on schistosomiasis control mode of floating population in transmission-interrupted area .....	Shi Nan-feng(482)
Study on domestication of <i>Anopheles sinensis</i> in laboratory .....	Li Ju-lin, Li Xue-bing, Zhou Hua-yun, et al(485)
Effect of comprehensive control by integrating resources on schistosomiasis in Qianjiang City .....	Wang Jing, Wang Wen-liang, Xiong Yuan-qiang, et al(487)
Surveillance of schistosomiasis in the first phase project of flood and snail control at the downstream of Fushui River in Yangxin County, Hubei Province .....	Liang Xun-yin, Wang Jin-sheng, Wang Neng-ri, et al(490)
Therapeutic effect of open-sodium diet and diuretics on treatment of advanced schistosomiasis patients with ascites .....	Luo Fu-jun, Yao Zuo-ping(493)

#### CONTROL ADMINISTRATION

Study on benchmark value of schistosomiasis prevention and control in Jingzhou City, Hubei Province .....	Liao Si-qi, Hong Zhi-hua, Wang Jia-song, et al(495)
---	---

#### REVIEWS

Application of determination of infested water in schistosomiasis forecast and early warning .....	Wu Feng, Huang Yi-xin(500)
Progress of research on molluscicide niclosamide .....	Xing Yun-tian, Dai Jian-rong(504)
Role of Kupffer cells in schistosomiasis hepatic fibrosis .....	Wang Wen-jie, Yang Jiang-hua, Tang Xiao-niu(509)

#### ACADEMIC CONTENT

Improving teaching quality in human parasitology .....	Xu Bing-hong, Shi Ming-zhu(512)
--	---------------------------------

#### CONTROL EXPERIENCES

Investigation of <i>Toxoplasma gondii</i> infection among pregnant women in three cities of southern Jiangsu Province .....	Tang Feng, Hua Hai-yong, Hu Yi-he, et al(436)
Investigation on knowledge of schistosomiasis among rural residents in Wanzhou District of Chongqing City .....	Zhou Xin(441)
Effect of environmental modification on snail control in hilly schistosomiasis transmission-interrupted areas .....	Fang Yi-min, Cheng Yu-feng, Fang Rong-le, et al(451)
A survey of natural epidemic focus of angiostrongyliasis in Ningbo City .....	Ye Li-ping, Xu Guo-zhang, Zhang Ji-nan, et al(463)
Investigation on parasitic infections in Fanhu Village of Poyang Lake region in 2007 and 2008 .....	Peng Guo-hua, Chen Hai-ying, Xiong Zhi-wei, et al(478)
Surveillance of schistosomiasis in floating population in Zhuji City from 2008 to 2009 .....	Xie Jin-rong, Chen Zu-hua, Yu Liu-yan(514)
Survey of advanced schistosomiasis in Changshu City .....	Zhou Wei-en(515)
Surveillance of schistosomiasis in Yaoqi'nao Village of Jianli County from 2005 to 2009 .....	Wan Dong-fang, Liao Chang-jun, Tang Liang-ming, et al(516)
A novel method of crushing shells of <i>Oncomelania</i> snails .....	Peng Huai-ming, Zhou Shu-lin(518)

#### CASE REPORTS

Hysteria induced by praziquantel treatment for acute schistosomiasis: one case report .....	Dai Sheng-ju(419)
First case of fascioliasis in Three Gorges Dam area .....	Du You-qin, Qiu Hong-gen, Ren Dong-ming(519)
Misdiagnosis of imported acute schistosomiasis in transmission-interrupted area: one case report .....	Li Xiao-ming, Yu Feng-ping(520)

Editor of English: Huang Yi-xin

[Serial parameters] CN32-1374/R\*1989\*b\*A4\*100\*zh+en\*P\*¥18.00\*2000\*39\*2010-10