

个人简介	
姓名：郑彬 性别：女 出生年月：1972.6 学位/学历：医学博士 职称：研究员、博士生导师 电子邮件：zhengbin@nipd.chinacdc.cn 办公地址：上海市黄浦区瑞金二路 207 号 办公电话：021-64376308	
教育经历	1990 年 9 月-1995 年 7 月 白求恩医科大学预防医学系 本科 2000 年 9 月-2005 年 7 月 中国疾病预防控制中心 流行病与卫生统计学 研究生
工作经历	1995 年 7 月-2000 年 8 月 河北省石家庄市人民医院 营养学 医师 2005 年 7 月—中国疾病预防控制中心寄生虫病预防控制所 疾病控制专业 研究员
社会/学术任职和活动	任国家卫生健康标准委员会寄生虫病标准专业委员会委员，上海市寄生虫学会理事兼秘书长，中华预防医学会生物资源研究与利用分会常务委员，中华预防医学会标准化工作委员会委员，全国科技平台标准化技术委员会生物种质与实验材料专家组成员
研究方向/主要研究内容	专业及研究方向： 1. 分子流行病学：包括重要寄生虫病传播机制、溯源研究和寄生虫病现场快速分子检测技术的建立； 2. 卫生政策研究：涵盖寄生虫病行业标准体系、制修订以及跟踪评价方法研究及现场评价。 3. 实验室生物安全：聚焦寄生虫保种和实验研究的相关生物安全问题。
科研/教学研究项目	时间：2015.01-2017.12 项目名称：寄生虫病与热带病防控技术的转化与应用 项目编号：GWIV-29 项目来源：上海市三年行动计划子课题 时间：2018.01-2020.12 项目名称：重要寄生虫标准化鉴定技术及参比库的建立 项目编号：2018ZX10734404-004 项目来源：国家科技重大专项

时间：2021.04-2022.03 项目名称：《溶组织内阿米巴检测核酸鉴定法》团体标准制定 项目来源：上海市科协

时间：2020.02-2022.12 项目名称：上海市公共卫生体系建设三年行动计划（2020-2022 年）重点学科建设：寄生虫与病媒控制

项目编号：GW5-10.1 项目来源：上海市三年行动计划子课题

主要学术成果

期刊论文

- 1) Antivirus effectiveness of ivermectin on dengue virus type 2 in *Aedes albopictus*[J]. PLoS Negl Trop Dis.2018,12(11):e0006934.
- 2) Contribution to the echinococcosis control programme in China by NIPD-CTDR[J]. Adv Parasitol. 2020,110:107-144.
- 3) China’ s practice to prevent and control COVID-19 in the context of large population movement[J]. Infect Dis Poverty.2020,9(1):115.
- 4) From parasitic disease control to global health: New orientation of the National Institute of Parasitic Diseases, China CDC[J]. Acta Trop. 2020,201:105219.
- 5) Prevalence and Characterization of *Cryptosporidium* Species and Genotypes in Four Farmed Deer Species in the Northeast of China[J]. Front Vet Sci.2020,7:430.
- 6) Development of miRNA-Based Approaches to Explore the Interruption of Mosquito-Borne Disease Transmission[J]. Front Cell Infect Microbiol. 2021,11:665444.
- 7) Epidemiological survey of human echinococcosis in east Gansu, China[J]. Sci Rep.2021,11(1):6373.
- 8) Genetic Diversity and Natural Selection of *Plasmodium vivax* Duffy Binding Protein-II From China-Myanmar Border of Yunnan Province, China[J]. Front Microbiol. 2021,12:758061.
- 9) Patented technologies for schistosomiasis control and prevention filed by Chinese applicants[J]. Infect Dis Poverty.2021,10(1):84.
- 10) Tropical Medicine in China: Bibliometric Analysis Based on Web of Science (2010-2019)[J]. J Trop Med.2021,2021:4267230.
- 11) Label-Free Quantitative Proteomic Analysis of Three Strains of Viscerotropic *Leishmania* Isolated from Patients with Different Epidemiological Types of Visceral Leishmaniasis in China[J]. Acta Parasitol.2021,66(4):1366-1386.
- 12) China’s practice to prevent and control COVID-19 in the context of large population movement. Infectious Diseases of Poverty 9.1(2020).
- 13) 庞亚男,林祖锐,郑彬,周水森,熊彦红,李真,俞铖航.《疟疾控制和消除标准》(GB 26345-2010)在云南省实施情况的跟踪评价[J]. 中国血吸虫病防治杂志,2018,30(3):339-342.
- 14)熊彦红,郑彬,许学年. 基于专利分析的寄生虫病防治技术发展趋势研究[J]. 中国病原生物学杂志,2018,13(6):621-624.
- 15) 庞亚男,郑彬. 我国卫生标准与世界卫生组织指南制定与管理的对比[J]. 中国卫生标准管理,2018,9(9):5-10.
- 16) 严晓岚,闻礼永,郑彬,汪天平,熊彦红,张剑锋,林丹丹,周晓农.《日本血吸虫毛蚴

检测尼龙绢袋集卵孵化法 (WS/T 631—2018)》标准解读[J]. 国际流行病学传染病学杂志,2018,45(6):388-389.

17) 诸廷俊,周长海,许隆祺,郑彬,熊彦红,陈颖丹.《肠道蠕虫检测改良加藤厚涂片法》(WS/T 570-2017)解读[J]. 中国血吸虫病防治杂志,2018,30(5):575-577.

18) 徐铁龙,庞兴亚,郑彬,张仪,周晓农. 白纹伊蚊 DENV2 载量随饲养时长的变化趋势研究[J]. 中国病原生物学杂志,2018,13(6):605-608.

19) 李真,郑彬.《丝虫病诊断标准》(WS260-2006)实施情况的跟踪评价[J]. 中国卫生标准管理,2019,10(7):1-3.

20) 俞铖航,郑彬. 基于 AHP 模糊综合评判法的寄生虫病标准制定选择的研究[J]. 中国卫生标准管理,2019,10(9):7-11.

21) 庞兴亚,许静,陈韶红,郑彬. 寄生虫病技术类标准跟踪评价指标体系的建立[J]. 中国热带医学,2019,19(4):325-329.

22) 熊彦红,郑彬,许学年. SMART 原则在卫生专利管理中的应用探索[J]. 中国卫生标准管理,2019,10(9):60-63.

23) 郑彬,俞铖航,熊彦红,陈家旭,闻礼永,周晓农. 寄生虫病标准专业委员会的发展与工作成效[J]. 中国卫生标准管理,2019,10(16):167-168.

24) 庞兴亚,许静,陈韶红,熊彦红,李真,俞铖航,胡坤敏,郑彬.《血吸虫病控制和消除》(GB15976-2015)实施情况的跟踪评价[J]. 中国病原生物学杂志,2019,14(4):439-443,448.

25) 李真,郑彬,庞兴亚. 疾控人员对《丝虫病消除标准》知信行分析[J]. 中国卫生标准管理,2019,10(14):1-4.

26) 臧炜,陈颖丹,朱慧慧,郑彬,周长海.《蛔虫病诊断》(WS/565 - 2017)解读[J]. 中国血吸虫病防治杂志,2019,31(2):207-209.

27) 胡坤敏,郑彬,陈韶红,艾琳. 并殖吸虫 DNA 分类技术的研究进展[J]. 中国寄生虫学与寄生虫病杂志,2019,37(5):598-602.

28) 谢曙英,张晶,郑彬,胡飞,许静,兰炜明,袁敏,杭春琴,林丹丹.《血吸虫病诊断标准》(WS261-2006)的实施评价[J]. 中国寄生虫学与寄生虫病杂志,2019,37(6):699-702,708.

29) 熊彦红,郑彬.《包虫病诊断标准》(WS257-2006)在四川省实施掌握情况的调查[J]. 中国卫生标准管理,2020,11(7):7-10.

30) 胡坤敏,陈韶红,艾琳,郑彬. 豫皖闽浙 4 省溪蟹并殖吸虫囊蚴核糖体 ITS2 和线粒体 CO1 基因序列分析[J]. 中国寄生虫学与寄生虫病杂志,2020,38(1):87-94.

31) 江莉,黄浦雁,吴寰宇,王真瑜,郑彬,郭常义. 我国疾病预防控制机构国家认证认可实验室寄生虫(病)检测能力的现状分析[J]. 中国寄生虫学与寄生虫病杂志,2020,38(2):224-233.

32) 刘建秀,高春花,杨玥涛,郑彬,汪俊云. 利什曼原虫 K26 序列应用于我国利什曼原虫分离株鉴定的价值分析[J]. 中国寄生虫学与寄生虫病杂志,2020,38(2):181-187.

33) 李真,郑彬. 我国国家级寄生虫病预防控制所在热带医学领域学术影响力及 SWOT 发展策略[J]. 中国热带医学,2020,20(6):589-594.

34) 莫晓彤,夏尚,艾琳,胡坤敏,强焜,郑彬. 疟疾风险及其影响因素的研究进展[J]. 中国热带医学,2021,21(5):490-495.

35) 熊彦红,许学年,郑彬. 我国血吸虫病防治失效专利分析[J]. 中国血吸虫病防治杂志,2021,33(3):301-304.

- 36) 莫晓彤,夏尚,艾琳,尹授钦,李希尚,郑彬. 在消除阶段我国疟疾风险评估指标体系研究[J]. 中国热带医学,2021,21(6):505-511.
- 37) 熊彦红,郑彬. 中国棘球蚴病防治药物专利技术分析研究[J]. 中国卫生标准管理,2021,12(9):5-9.
- 38) 熊彦红,郑彬,曹建平. 寄生虫获得性感染病原实验室消毒方法的调查研究[J]. 中国病原生物学杂志,2021,16(6):691-695.
- 39) 孙乃玲,郑彬,余宁乐,周晓龙,姚玅洁,卢青青,雷苏文. 国内外公共卫生领域标准化工作管理体制比较与思考[J]. 中华流行病学杂志,2021,42(5):928-934.
- 40) 强焜,徐斌,胡薇,郑彬. 等温扩增技术在疟原虫及巴贝虫检测中的应用[J]. 中国热带医学,2022,22(1):84-88.
- 41) 李真, 郑彬. 基于 SCIE 数据库分析中国疾控中心寄生虫病预防控制所近 5 年学术影响力[J]. 中国血吸虫病防治杂志,2017,29(2):235-240
- 42) 熊彦红, 郑彬 *, 周晓农. 寄生虫病标准工作的 SWOT 分析, 中国寄生虫学与寄生虫病杂志, 2017, 35 (4) : 339-341
- 43) 徐铁龙,张强, 刘岚, 赵明惠, 廖芸, 廖立新, 王建军, 郑彬. 南昌国境口岸中华按蚊氟氯氰菊酯抗药性及其机制研究, 中国血吸虫病防治杂志, 2017, 29 (2) : 146-149

专利

一种生物安全性高的捕蚊器

用于区分鉴定卫氏并殖吸虫囊蚴和斯式并殖吸虫囊蚴的试剂盒和使用方法

一种用于鉴定三平正并殖吸虫的试剂盒及使用方法

Profile	
Name: Zheng Bin Gender: Female Date of birth: June, 1972 Degree: Doctor of Medicine Title: Research Fellow, Doctoral tutor Email: zhengbin@nipd.chinacdc.cn Address: 207 Ruijin Er Road, Shanghai, China Office Tel: 021-64376308	
Education	September, 1990-July, 1995 Undergraduate, Department of Preventive Medicine, Bethune Medical University; September, 2000-July, 2005 Postgraduate in Epidemiology and Health Statistics, Chinese Center for Disease Control and Prevention.
Appointments	July, 1995-August, 2000: Nutritionist, Shijiazhuang People's Hospital, Hebei Province; July, 2005-Present: Research Fellow in Disease Control, National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention.
Academic Participation and Activities	Member of the National Health Standards Board's Professional Committee on Standards for Parasitic Diseases; Member and Secretary General of Shanghai Parasite Society; Member of Biological Resources Research and Utilization Branch of Chinese Preventive Medicine Association; Member of Standardization Working Committee of Chinese Preventive Medicine Association; Member of Biological Germplasm and Experimental Materials Expert Group of SAC/TC486.
Research Direction/Main Research Content	Major and research direction: 1. Molecular epidemiology: including the transmission mechanism of important parasitic diseases, traceability research and establishment of rapid molecular detection technology for parasitic diseases in the field;

2. Health policy research: including parasites disease industry standard system, covering parasitic disease industry standard system, formulation and revision, as well as follow-up evaluation method research and field evaluation;
3. Parasitic Biosafety: focusing on biosafety issues related to parasite conservation and experimental research.

Projects

Time: 2015.01-2017.12 Name: The transformation and application of parasitic disease and tropical disease prevention and control technology

Serial number: GWIV-29 Source: Shanghai's three-year action plan

Time: 2016.01-2017.12 Name: Parasite disease prevention and control team

Serial number: GWTD2015S06 Source: Shanghai's three-year action plan

Time: 2018.01-2020.12 Name: The establishment of important parasite standardization identification technology and reference library

Serial number: 2018ZX10734404-004 Source: National science and technology major special projects

Time: 2021.04-2022.03 Name: "Nucleic acid identification method for *Entamoeba histolytica* detection" group standard development

Source: Shanghai Association for Science and Technology

Time: 2020.02-2022.12 Name: Shanghai Three-Year Action Plan for Public Health System Construction (2020-2022) Key Discipline Construction: Parasites and Vector Control

Serial number: GW5-10.1 Source: Shanghai's three-year action plan

Main Academic Achievements

Journal Articles

- 1) Antivirus effectiveness of ivermectin on dengue virus type 2 in *Aedes albopictus*[J]. PLoS Negl Trop Dis.2018,12(11):e0006934.

- 2) Contribution to the echinococcosis control programme in China by NIPD-CTDR[J]. *Adv Parasitol.* 2020,110:107-144.
- 3) China's practice to prevent and control COVID-19 in the context of large population movement[J]. *Infect Dis Poverty.*2020,9(1):115.
- 4) From parasitic disease control to global health: New orientation of the National Institute of Parasitic Diseases, China CDC[J]. *Acta Trop.* 2020,201:105219.
- 5) Prevalence and Characterization of *Cryptosporidium* Species and Genotypes in Four Farmed Deer Species in the Northeast of China[J]. *Front Vet Sci.*2020,7:430.
- 6) Development of miRNA-Based Approaches to Explore the Interruption of Mosquito-Borne Disease Transmission[J]. *Front Cell Infect Microbiol.* 2021,11:665444.
- 7) Epidemiological survey of human echinococcosis in east Gansu, China[J]. *Sci Rep.*2021,11(1):6373.
- 8) Genetic Diversity and Natural Selection of *Plasmodium vivax* Duffy Binding Protein-II From China-Myanmar Border of Yunnan Province, China[J]. *Front Microbiol.* 2021,12:758061.
- 9) Patented technologies for schistosomiasis control and prevention filed by Chinese applicants[J]. *Infect Dis Poverty.*2021,10(1):84.
- 10) Tropical Medicine in China: Bibliometric Analysis Based on Web of Science (2010-2019)[J]. *J Trop Med.*2021,2021:4267230.
- 11) Label-Free Quantitative Proteomic Analysis of Three Strains of Viscerotropic *Leishmania* Isolated from Patients with Different Epidemiological Types of Visceral Leishmaniasis in China[J]. *Acta Parasitol.*2021,66(4):1366-1386.
- 12) China's practice to prevent and control COVID-19 in the context of large population movement. *Infectious Diseases of Poverty* 9.1(2020).
- 13) Tracking evaluation on implementation of Criteria for Control and Elimination of Malaria (GB 26345-2010) in Yunnan Province[J]. *Chin J Schisto Control*, 2018, 30(3): 339-342.
- 14) Trends in the changes in DENV 2 loads with rearing time in *Aedes albopictus*[J]. *Journal of Pathogen biology*, 2018, 13(6): 605-608.
- 15) Sequence analysis of ribosomal ITS2 gene and mitochondrial CO1 gene of *Paragonimus metacercariae* from freshwater crabs in Henan, Anhui, Fujian and Zhejiang provinces, China[J]. *CHINESE JOURNAL OF PARASITOLOGY AND PARASITIC DISEASES*, 2020, 38(1): 87-94.
- 16) Evaluation of the value of K26 sequence applied in identification of *Leishmania* isolates in China[J]. *CHINESE JOURNAL OF PARASITOLOGY AND PARASITIC DISEASES*, 2020, 38(2): 181-187.
- 17) Study on a framework for risk assessment of imported malaria in China during malaria elimination [J]. *China Tropical Medicine*, 2021, 21(6): 505-511.
- 18) Application of isothermal amplification technology in the detection of *Plasmodium* and *babesia* [J]. *China Tropical Medicine*, 2022, 22(1): 84-88.
- 19) Study on cyfluthrin resistance and its mechanisms of *Anopheles sinensis* in Nanchang frontierport[J]. *Chin J Schisto Control*, 2017, 29(2): 146-149.

Patents
A biosecurity mosquito catcher; A kit and method for the distinguishing and identification of P.westermani and P. skrjabini.; A kit and method for the identification of Euparagonimus cenocopiosus.