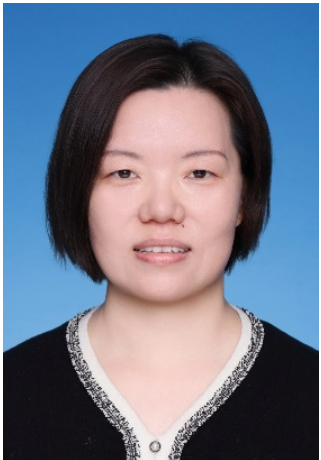


个人简介		
姓名：许静 性别：女 出生年月：1978.8 学位/学历：博士研究生 职称：研究员 电子邮件：xujing@nipd.chinacdc.cn 办公地址：上海市黄浦区瑞金二路207号 办公电话：021-54650863		
教育经历 (1) 2006.09-2009.12,南京医科大学,病原生物学，博士 (2) 1999.09-2002.07，中国预防医学科学院，流行病与卫生统计学，硕士 (3) 1995.09-1999.09，山东师范大学，生物教育学，本科		
工作经历 (1) 2016.12-至今，中国疾病预防控制中心寄生虫病预防控制所,科室主任 (2) 2015.03-2015.09，伦敦卫生和热带医学院，访问学者 (3) 2011.12-2016.11，中国疾病预防控制中心寄生虫病预防控制所,科室副主任 (4) 2014.07-至今，中国疾病预防控制中心寄生虫病预防控制所,研究员 (5) 2009.07-2014.06，中国疾病预防控制中心寄生虫病预防控制所,副研究员 (6) 2005.07-2009.06，中国疾病预防控制中心寄生虫病预防控制所,助理研究员 (7) 2002.07-2005.06，中国疾病预防控制中心寄生虫病预防控制所,研究实习生		
社会/学术任职和活动 兼任传染病溯源预警与智能决策全国重点实验室PI、上海交通大学医学院全球健康学院兼职PI；《中国血吸虫病防治杂志》副主编、《中国寄生虫学与寄生虫病杂志》《热带病与寄生虫学杂志》《Science in One Health》《寄生虫病与感染性杂志》等杂志编委；中国地方病协会热带病专业委员会副主任委员、中国地方病协会第六届理事、国家疾控局标委会寄生虫病标委会委员等。		

研究方向/主要研究内容

研究方向：聚焦国家战略需求，开展以血吸虫病为主的热带病防控对策和监测预警技术研究。

研究内容包括：

- (1) 热带病防控策略及干预措施研究；
- (2) 热带病智慧化监测预警及监测技术研究；
- (3) 热带病诊断技术及媒介干预技术和产品研发；
- (4) 热带病传播动力学及发病机制等研究等。

主持或参加科研项目（课题）及人才计划项目情况

- (1) 国自然面上项目：长江经济带血吸虫病传播影响因素及风险识别研究（82073619），负责人
- (2) 国家重点研发计划：重要威胁人类寄生虫感染致病机制和防控干预技术研究（2021YFC2300800，课题骨干
- (3) 传染病重大专项：“一带一路”重要病媒生物携带病原体研究（2018ZX10101002-002），分题负责人
- (4) 亚合资项目：中老柬加快实现血吸虫病消除目标合作项目，负责人
- (5) 瑞银项目：Promotion of behavior change communication on STHs in China，分题负责人
- (6) 国合署项目：消除柬埔寨的血吸虫病以提高社区的抵御能力和扶贫能力，项目骨干
- (7) 国合署项目：消除老挝的血吸虫病以提高社区的抵御能力和扶贫能力，项目骨干

主要学术成果

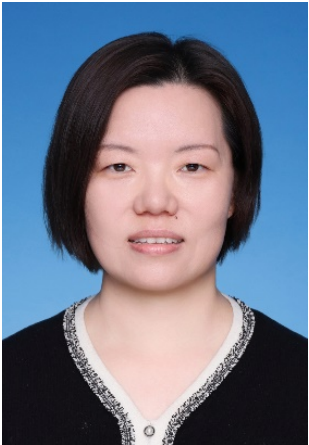
论著

近5年一作或通讯作者文章41篇，其中SCI论文20篇

- (1) Dai SM, Guan Z, Zhang LJ, Lv S, Cao CL, Li SZ, Xu J*. Imported Schistosomiasis, China, 2010-2018. *Emerg Infect Dis*. 2020 Jan;26(1):179-180.
- (2) Zhang LJ, Mwanakasale V, Xu J, Sun LP, Yin XM, Zhang JF, Hu MC, Si WM, Zhou XN. Diagnostic performance of two specific schistosoma japonicum immunological tests for screening schistosoma haematobium in school children in Zambia. *Acta Trop*. 2020 Feb;202:105285
- (3) Guan Z, Dai SM, Zhou J, Ren XB, Qin ZQ, Li YL, Lv S, Li SZ, Zhou XN, Xu J*. Assessment of knowledge, attitude and practices and the analysis of risk factors regarding schistosomiasis among fishermen and boatmen in the Dongting Lake Basin, the People's Republic of China. *Parasit Vectors*. 2020 Jun 1; 13(1):273. doi: 10.1186/s13071-020-04157-4.
- (4) Xu J, Li SZ, Zhang LJ, Bergquist R, Dang H, Wang Q, Lv S, Wang TP, Lin DD, Liu JB, Ren GH, Yang K, Liu Y, Dong Y, Zhang SQ, Zhou XN*. Surveillance-based evidence: elimination of schistosomiasis as a public health problem in the Peoples' Republic of China. *Infect Dis Poverty*, 2020,9(1):63

- (5) Zhang LJ, Lv S, Cao CL, Xu J*, Li SZ. Distribution patterns of the snail intermediate host of *Schistosoma japonicum* — China, 2015–2019. *CCDC Weekly*, 2021, 3(5):81-84
- (6) Wu LL, Hu HH, Zhang X, et al. Cost-effectiveness analysis of the integrated control strategy for schistosomiasis japonica in a lake region of China: a case study[J]. *Infect Dis Poverty* 2021, 10(79).
- (7) Hu F, Xie SY, Yuan M, Li YF, Li ZJ, Gao ZL, Lan WM, Liu YM, Xu J, Lin DD: The Dynamics of Hepatic Fibrosis Related to Schistosomiasis and Its Risk Factors in a Cohort of China. *Pathogens* 2021, 10:1532.
- (8) Guo SY, Li L, Zhang LJ, Li YL, Li SZ, Xu J: From the One Health Perspective: Schistosomiasis japonica and Flooding. *Pathogens* 2021, 10:1538.
- (9) Xu J, Li S-Z, Guo J-G, Zhou X-N, Djirmay AG: The WHO new guideline to control and eliminate human schistosomiasis: implications for the verification of transmission interruption and surveillance of *Schistosoma japonicum* in China. *Infectious Diseases of Poverty* 2022, 11(1):79.
- (10) Lv C, Deng W, Wang LP, Qin ZQ, Zhou XN, Xu J: Molecular Techniques as Alternatives of Diagnostic Tools in China as Schistosomiasis Moving towards Elimination. *Pathogens* 2022, 11, 287 2022, 11:287.
- (11) Li YL, Dang H, Guo SY, Zhang LJ, Feng Y, Ding SJ, Shan XW, Li GP, Xu J, Li SZ: Molecular evidence on the presence of *Schistosoma japonicum* infection in snails along the Yangtze River, 2015–2019 *Infect Dis Poverty* 2022, 11(70):<https://doi.org/10.1186/s40249-40022-00995-40249>.
- (12) Hong Z, Li L, Zhang LJ, Wang Q, Xu J, Li SZ, Zhou XN: Elimination of Schistosomiasis Japonica in China: From the One Health Perspective. *CCDC Weekly* 2022, 4(7).
- (13) Deng WP, Wang SL, Wang LP, Lv C, Li YL, Feng T, Qin ZQ, Xu J: Laboratory Evaluation of a Basic Recombinase Polymerase Amplification (RPA) Assay for Early Detection of *Schistosoma japonicum*. *Pathogens* <https://doi.org/10.3390/pathogens11030319> 2022, 11:319.
- (14) Hong Z, Zhang SQ, Li L, Li YL, Liu T, Guo SY, Xu XJ, Yang ZM, Zhang HY, Xu J: A Nomogram for Predicting Prognosis of Advanced Schistosomiasis japonica in Dongzhi County—A Case Study. *Trop Med Infect Dis* 2023, 8(33). <https://doi.org/10.3390/tropicalmed8010033>
- (15) Li L, Zhang LJ, Li Y, Hong Z, Wang Q, Deng WP, Li SZ, Xu J: Unraveling the Variation Pattern of *Oncomelania hupensis* in the Yangtze River Economic Belt Based on Spatiotemporal Analysis. *Trop Med Infect Dis* 2023, 8:71. <https://doi.org/10.3390/tropicalmed8020071>
- (16) Guo SY, Dang H, Li YL, Zhang LJ, Yang F, He JY, Cao CL, Xu J, Li SZ: Sentinel surveillance of schistosomiasis-China, 2021. *China CDC weekly* 2023, 5(12):278-282. doi: 10.46234/ccdcw2023.050
- (17) Li YL, Guo SY, Dang H, Zhang LJ, Xu J*, Li SZ. *Oncomelania hupensis* Distribution and Schistosomiasis Transmission Risk in Different Environments under Field Conditions. *Trop. Med. Infect. Dis.* 2023, 8, 242. <https://doi.org/10.3390/tropicalmed8050242>
- (18) Wang XY, Li Q, Li YL, Guo SY, Li SZ, Zhou XN, Guo JG, Bergquist R, Juma S, Zhang JF et al: Prevalence and correlations of schistosomiasis mansoni and schistosomiasis haematobium among humans and intermediate snail hosts: a systematic review and meta-analysis. *Infectious Diseases of Poverty* 2024, 13(1):63.
- (19) Lv C, Chen YW, Cheng ZL, Zhu YZ, Chen WY, Zhou N, Chen YM, Li YL, Deng WP, Guo XK et al: Global burden of zoonotic infectious diseases of poverty, 1990-2021 *Infect Dis Poverty* 2024, 13(1):82.
- (20) Li Q, Li YL, Guo SY, Li SZ, Wang Q, Lin WN, Zhang LJ, Li SZ, Zhou XN, Xu J: Global trends of schistosomiasis burden from 1990 to 2021 across 204 countries and

territories: Findings from GBD 2021 study. <i>Acta Trop</i> 2024, 261:107504.
近五年出版专著 (1) WHO人体血吸虫病控制和消除指南（主译） (2) 血吸虫病消除手册（副主编） (3) 血吸虫病控制和消除适宜技术（副主编） (4) 全国钉螺调查报告（副主编） 授权发明专利 (1) 微小RNA及其在制备抗日本血吸虫感染制剂中的应用 (2) 基于界面RPA扩增的电化学核酸传感检测方法及试剂盒 (3) 一种RPA-EC 日本血吸虫检测试剂盒及检测方法
荣誉及奖项 (1) 中华医学科技奖（二等，2024年） (2) 江苏省科学技术奖（二等，2023年） (3) 中华医学科技奖（二等，2015年） (4) 华夏医学奖（二等，2016年） (5) 中华预防医学科技奖（三等，2016年） (6) 上海市卫生健康系统三八红旗手（2019-2020年度）

Profile	
Name: Jing Xu Gender: Female Date of birth: Aug-21,1978 Degree: PhD Title: Professor Email: xujing@nipd.chinacdc.cn Address: 207 Ruijin Er Road, Shanghai, China Office Tel: +8621-54650863	
Education	
(1) Sep 2006-Dec 2009, Nanjing Medical university, Etiology, PhD. degree (2) Sep 1999-Jul 2002, NIPD, China CDC, Epidemiology and statistics, Master degree (3) Sep 1995-Jul 1999, Shandong Normal University, Biology, Bachelor degree	
Appointments	
(1) Nov 2016-present, Department of schistosomiasis, NIPD, Chief (2) Mar 2015-Aug 2015, London School of Hygiene and Tropical Medicine, Academic Visitor (3) Jul 2014- present, Department of schistosomiasis, NIPD, Professor (4) Dec 2011- Oct 2016, Department of schistosomiasis, NIPD, Vice chief (5) Jul 2009 - Jun 2014, Department of schistosomiasis, NIPD, Associate Professor (6) Jul 2005 – Jun 2009, Department of schistosomiasis, NIPD, Assistant Professor (7) Jul 2002 – Jun 2005, Department of schistosomiasis, NIPD, Research Trainee	
Academic Participation and Activities	
Serving as the Principal Investigator (PI) at the National Key Laboratory of Intelligent Tracking and Forecasting for Infectious Diseases, Chinese Center for Disease Control and Prevention, Adjunct PI at the School of Global Health, Chinese Center for Tropical Diseases Research, Shanghai Jiao Tong University School of Medicine; Deputy Editor-in-Chief of the Chinese Journal of Schistosomiasis Control and Editorial Board Member of journals including <i>Chinese Journal of Parasitology and Parasitic Diseases</i>, <i>Journal of Tropical Diseases and Parasitology</i>, <i>Science in One Health</i>, and <i>Journal of Parasitic Diseases and Infectious Diseases</i>; Vice Chair of the Tropical Disease Committee of the Chinese Endemic Disease Association, Council Member of the Sixth Session of the Chinese Endemic Disease Association, and Member of the Parasitic Disease Standards Committee under the National Disease Control and Prevention Administration.	

Research Interest

Research Focus: Centered on national strategic needs, conducting research on prevention and control strategies and surveillance techniques against tropical diseases, with a primary focus on schistosomiasis.

Research areas include:

- (1) Research on tropical disease control strategies and intervention measures;
- (2) Development of intelligent surveillance/early warning systems and monitoring technologies for tropical diseases;
- (3) Research and development of tropical disease diagnostic technologies, vector intervention techniques, and related products;
- (4) Studies on transmission dynamics, pathogenesis, and other mechanisms of tropical diseases.

Projects

- (1) NSFC General Program: Epidemiological Risk Profiling of Schistosomiasis Transmission in the Yangtze River Economic Belt (Grant No. 82073619) | Principal Investigator
- (2) National Key R&D Program: Pathogenesis and Precision Interventions for Priority Parasitic Zoonoses (Grant No. 2021YFC2300800) | Lead Scientist
- (3) National Mega-Project on Infectious Diseases: Pathogen Surveillance in Disease Vectors along the Belt and Road Corridors (Subproject No. 2018ZX10101002-002) | Subproject Director
- (4) Asian Multinational Collaboration: China-Laos-Cambodia Schistosomiasis Elimination Acceleration Initiative | Chief Coordinator
- (5) UBS Global Health Project: Innovative Behavior Change Models for Soil-Transmitted Helminth Control (China Implementation) | Technical Lead
- (6) CIDCA Development Program: Cambodia Schistosomiasis Eradication: Bridging Disease Control and Community Sustainable Development | Core Research Member
- (7) CIDCA Development Program: Laos Schistosomiasis Eradication: Integrated Strategy for Health Security and Rural Revitalization | Core Research Member

Publications

Being the first author or corresponding author, published 41 articles and 20 of them are SCI :

- (1) Dai SM, Guan Z, Zhang LJ, Lv S, Cao CL, Li SZ, Xu J*. Imported Schistosomiasis, China, 2010-2018. Emerg Infect Dis. 2020 Jan;26(1):179-180.
- (2) Zhang LJ, Mwanakasale V, Xu J, Sun LP, Yin XM, Zhang JF, Hu MC, Si WM, Zhou XN. Diagnostic performance of two specific schistosoma japonicum immunological tests for screening schistosoma haematobium in school children in Zambia. Acta Trop. 2020 Feb;202:105285
- (3) Guan Z, Dai SM, Zhou J, Ren XB, Qin ZQ, Li YL, Lv S, Li SZ, Zhou XN, Xu J*. Assessment of knowledge, attitude and practices and the analysis of risk factors regarding schistosomiasis among fishermen and boatmen in the Dongting Lake Basin, the People's Republic of China. Parasit Vectors. 2020 Jun 1; 13(1):273. doi: 10.1186/s13071-020-04157-4.
- (4) Xu J, Li SZ, Zhang LJ, Bergquist R, Dang H, Wang Q, Lv S, Wang TP, Lin DD,

- Liu JB, Ren GH, Yang K, Liu Y, Dong Y, Zhang SQ, Zhou XN*. Surveillance-based evidence: elimination of schistosomiasis as a public health problem in the Peoples' Republic of China. *Infect Dis Poverty*, 2020,9(1):63
- (5) Zhang LJ, Lv S, Cao CL, Xu J*, Li SZ. Distribution patterns of the snail intermediate host of *Schistosoma japonicum* — China, 2015–2019. *CCDC Weekly*, 2021, 3(5):81-84
 - (6) Wu LL, Hu HH, Zhang X, et al. Cost-effectiveness analysis of the integrated control strategy for schistosomiasis japonica in a lake region of China: a case study[J]. *Infect Dis Poverty* 2021, 10(79).
 - (7) Hu F, Xie SY, Yuan M, Li YF, Li ZJ, Gao ZL, Lan WM, Liu YM, Xu J, Lin DD: The Dynamics of Hepatic Fibrosis Related to Schistosomiasis and Its Risk Factors in a Cohort of China. *Pathogens* 2021, 10:1532.
 - (8) Guo SY, Li L, Zhang LJ, Li YL, Li SZ, Xu J: From the One Health Perspective: Schistosomiasis japonica and Flooding. *Pathogens* 2021, 10:1538.
 - (9) Xu J, Li S-Z, Guo J-G, Zhou X-N, Djirmay AG: The WHO new guideline to control and eliminate human schistosomiasis: implications for the verification of transmission interruption and surveillance of *Schistosoma japonicum* in China. *Infectious Diseases of Poverty* 2022, 11(1):79.
 - (10) Lv C, Deng W, Wang LP, Qin ZQ, Zhou XN, Xu J: Molecular Techniques as Alternatives of Diagnostic Tools in China as Schistosomiasis Moving towards Elimination. *Pathogens* 2022, 11, 287 2022, 11:287.
 - (11) Li YL, Dang H, Guo SY, Zhang LJ, Feng Y, Ding SJ, Shan XW, Li GP, Xu J, Li SZ: Molecular evidence on the presence of *Schistosoma japonicum* infection in snails along the Yangtze River, 2015–2019 *Infect Dis Poverty* 2022, 11(70):<https://doi.org/10.1186/s40249-40022-00995-40249>.
 - (12) Hong Z, Li L, Zhang LJ, Wang Q, Xu J, Li SZ, Zhou XN: Elimination of Schistosomiasis Japonica in China: From the One Health Perspective. *CCDC Weekly* 2022, 4(7).
 - (13) Deng WP, Wang SL, Wang LP, Lv C, Li YL, Feng T, Qin ZQ, Xu J: Laboratory Evaluation of a Basic Recombinase Polymerase Amplification (RPA) Assay for Early Detection of *Schistosoma japonicum*. *Pathogens* <https://doi.org/10.3390/pathogens11030319> 2022, 11:319.
 - (14) Hong Z, Zhang SQ, Li L, Li YL, Liu T, Guo SY, Xu XJ, Yang ZM, Zhang HY, Xu J: A Nomogram for Predicting Prognosis of Advanced Schistosomiasis japonica in Dongzhi County—A Case Study. *Trop Med Infect Dis* 2023, 8(33). <https://doi.org/10.3390/tropicalmed8010033>
 - (15) Li L, Zhang LJ, Li Y, Hong Z, Wang Q, Deng WP, Li SZ, Xu J: Unraveling the Variation Pattern of *Oncomelania hupensis* in the Yangtze River Economic Belt Based on Spatiotemporal Analysis. *Trop Med Infect Dis* 2023, 8:71. <https://doi.org/10.3390/tropicalmed8020071>
 - (16) Guo SY, Dang H, Li YL, Zhang LJ, Yang F, He JY, Cao CL, Xu J, Li SZ: Sentinel surveillance of schistosomiasis-China, 2021. *China CDC weekly* 2023, 5(12):278-282. doi: 10.46234/ccdcw2023.050
 - (17) Li YL, Guo SY, Dang H, Zhang LJ, Xu J*, Li SZ. *Oncomelania hupensis* Distribution and Schistosomiasis Transmission Risk in Different Environments under Field Conditions. *Trop. Med. Infect. Dis.* 2023, 8, 242. <https://doi.org/10.3390/tropicalmed8050242>
 - (18) Wang XY, Li Q, Li YL, Guo SY, Li SZ, Zhou XN, Guo JG, Bergquist R, Juma S, Zhang JF et al: Prevalence and correlations of schistosomiasis mansoni and schistosomiasis haematobium among humans and intermediate snail hosts: a systematic review and meta-analysis. *Infectious Diseases of Poverty* 2024, 13(1):63.
 - (19) Lv C, Chen YW, Cheng ZL, Zhu YZ, Chen WY, Zhou N, Chen YM, Li YL, Deng WP, Guo XK et al: Global burden of zoonotic infectious diseases of poverty, 1990-2021

<i>Infect Dis Poverty</i> 2024, 13(1):82. (20) Li Q, Li YL, Guo SY, Li SZ, Wang Q, Lin WN, Zhang LJ, Li SZ, Zhou XN, Xu J: Global trends of schistosomiasis burden from 1990 to 2021 across 204 countries and territories: Findings from GBD 2021 study. <i>Acta Trop</i> 2024, 261:107504.
Books
(1) WHO Guidelines for Human Schistosomiasis Control and Elimination (Lead Translator) (2) Technical Manual on Schistosomiasis Elimination (Associate Editor) (3) Appropriate Technologies for Schistosomiasis Control and Elimination (Associate Editor) (4) National Survey Report on Distribution of <i>Oncomelania</i> Snails (Associate Editor)
Patents
(1) microRNA and Its Application in the Therapeutics Targeting <i>Schistosoma japonicum</i> (2) Interfacial RPA Amplification-Enabled Electrochemical Nucleic Acid Sensor for Ultra-Sensitive Pathogen Detection (3) RPA-EC-Based Rapid Diagnostic Kit for Point-of-Care Detection of <i>Schistosoma japonicum</i>
Honors and Awards
(1) China Medical Science and Technology Award (Second Prize, 2024) (2) Jiangsu Science and Technology Award (Second Prize, 2023) (3) China Medical Science and Technology Award (Second Prize, 2015) (4) Huaxia Medical Award (Second Prize, 2016) (5) China Preventive Medical Science and Technology Award (Third Prize, 2016) (6) March 8th Red Banner Holder in Shanghai Health System (2019-2020)