

## 个人简介

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性别：男  
出生年月：1962年3月  
学位/学历：医学博士  
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## 教育经历

1978年10月-1982年1月 江苏省苏州医学院寄生虫病防治专业学习  
1985年9月-1988年6月 江苏省血吸虫病防治研究所医学寄生虫学硕士研究生  
1990年11月-1991年6月 泰国马希伦大学理学院进修  
1991年6月-1994年6月 丹麦哥本哈根大学、丹麦血吸虫病实验室博士研究生  
1994年6月-1994年8月 美国海洋生物研究所现代寄生虫学技术暑期班学习  
1996年7月-1997年1月 丹麦血吸虫病实验室博士后  
1998年5月-1998年6月 美国路易斯安那州立大学高访学者

## 工作经历

1982年2月-2001年8月 江苏省血吸虫病防治研究所工作  
1998年7月 晋升为研究员  
1999年4月 任江苏省血吸虫病防治研究所副所长  
2000年7月-2000年8月 美国路易斯安那州立大学讲学  
2001年8月-2010年9月 任中国疾病预防控制中心寄生虫病预防控制所副所长  
2010年9月—— 任中国疾病预防控制中心寄生虫病预防控制所所长  
2019年7月—— 上海交通大学医学院-国家热带病研究中心全球健康学院副院长  
2020年5月—— 上海交通大学-爱丁堡大学全健康研究中心

## 社会/学术任职和活动

现任世界卫生组织热带病合作中心主任、国家卫生标准委员会寄生虫病分委员会主任委员、世界卫生组织西太区被忽略热带病专家委员会委员主席，中华预防医学会全球卫生副主任委员、中华医学会地方病分会常务委员、中国动物学会理事、贝类分会副主任委员，中国血吸虫病杂志主编，*Infectious Diseases of Poverty* 国际杂志主编。曾任国家卫生计生委疾病控制专家委员会副主任委员、

血吸虫病和寄生虫病分委员会主任委员，世界卫生组织疟疾根除专家顾问委员会委员、世界卫生组织热带病研究与培训特别规划署顾问委员会委员。

## 研究方向/主要研究内容

专业及研究方向：空间流行病学、血吸虫病流行病学、钉螺生物学、寄生虫与宿主间相互关系。

## 科研/教学研究项目

时间：2016.1-2020.12 项目名称：非洲重要传染病流行规律研究-疟疾、血吸虫病等重要寄生虫病流行病学研究

项目编号：2016ZX10004222-004 项目来源：艾滋病和病毒性肝炎等重大传染病防治

时间：2016.7-2018.12 项目名称：重要热带病相关入侵媒介生物及其病原的动态分布与资源库建设

项目编号：2014BAI13B05 项目来源：国家重点研发计划

时间：2014.1-2016.6 项目名称：黑热病、疟疾与病毒性出血热综合防治技术研究  
项目编号：2014BAI13B05 项目来源：国家科技支撑计划

时间：2020.1-2023.12 项目名称：基于系统论理论的钩虫病干预机制模型构建及其现场验证

项目编号：81973108 项目来源：国自然面上项目

时间：2013.1-2016.12 项目名称：我国边境疟疾传播扩散机制模型的研究

项目编号：81273192 项目来源：国自然面上项目

## 主要学术成果

### 期刊论文

[1] Zheng J, Shi B, Xia S, Yang G, Zhou XN. Spatial patterns of *Plasmodium vivax* transmission explored by multivariate auto-regressive state-space modelling - A case study in Baoshan Prefecture in southern China. *Geospat Health* 2021;16(1).

[2] Shi B, Zheng J, Xia S, Lin S, Wang X, Liu Y, Zhou XN, Liu J. Accessing the syndemic of COVID-19 and malaria intervention in Africa. *Infect Dis Poverty* 2021;10(1):5.

[3] Qian MB, Zhuang SF, Zhu SQ, Deng XM, Li ZX, Zhou XN. Epidemiology and determinants of clonorchiasis in school children in southeastern China. *Acta Trop* 2021;216:105752.

[4] Qian MB, Li HM, Jiang ZH, Yang YC, Lu MF, Wei K, Wei SL, Chen Y, Zhou CH, Chen YD, Zhou XN. Severe hepatobiliary morbidity is associated with *Clonorchis sinensis* infection: The evidence from a cross-sectional community study. *PLoS Negl Trop Dis* 2021;15(1):e0009116.

[5] Li HM, Qian YJ, Yang K, Ding W, Huang LL, Ma XJ, Duan L, Wang DQ,

- Guan YY, Xiao N, Zhou XN. Assessment of China's contributions to the Regional Network for Asian Schistosomiasis and Other Helminth Zoonoses: a questionnaire survey. *Glob Health Res Policy* 2021;6(1):7.
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- [8] Huang F, Yan H, Xue JB, Cui YW, Zhou SS, Xia ZG, Abeyasinghe R, Ringwald P, Zhou XN. Molecular surveillance of *pfprt*, *pfmdr1* and *pfk13*-propeller mutations in *Plasmodium falciparum* isolates imported from Africa to China. *Malar J* 2021;20(1):73.
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- [12] Ehrenberg JP, Utzinger J, Fontes G, da Rocha EMM, Ehrenberg N, Zhou XN, Steinmann P. Efforts to mitigate the economic impact of the COVID-19 pandemic: potential entry points for neglected tropical diseases. *Infect Dis Poverty* 2021;10(1):2.
- [13] Chen YD, Li HZ, Xu LQ, Qian MB, Tian HC, Fang YY, Zhou CH, Ji Z, Feng ZJ, Tang M, Li Q, Wang Y, Bergquist R, Zhou XN. Effectiveness of a community-based integrated strategy to control soil-transmitted helminthiasis and clonorchiasis in the People's Republic of China. *Acta Trop* 2021;214:105650.
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- [20] Zhou XN, Xu XN, Cao JP, Xiao N, Li SZ, Wang RB. Preface: Development strategy of NIPD-CTDR in the new era. *Adv Parasitol* 2020;110:xxiii-xxxii.
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### 著作

1) *Tropical Diseases in China: Schistosomiasis (Public Health in China Series)* 周晓农 人民卫生出版社 2018.6 978-7-117-25999-6

2) *Tropical Diseases in China: Neglected Tropical Diseases and Malaria (Public Health in China Series)* 周晓农 人民卫生出版社 2019.7 978-7-117-28427-1

3) *寄生虫病监测与管理* 周晓农 人民卫生出版社 2017.9 978-7-117-24654-5

### 专利

1) 一种推进式自动定时投喂犬驱虫药的装置 周晓农 肖宁 杨诗杰 刘辉 曹淳力 彭佳 王东 盖谣 张雄英 田添 李奔福 字金荣 ZL201611208002.5

2) 一种基于检测循环抗原的诊断黑热病的免疫层析试条 汪俊云 杨玥涛 石锋 高春花 杨益 周晓农 ZL 2014 1 0355940.2

### 荣誉及奖项

2008 年获卫生部有突出贡献中青年专家荣誉称号, 2010 年获中华预防医学会公共卫生与预防医学发展贡献奖, 2011 年获上海市优秀学科带头人。

2015 年获中华预防医学科技奖三等奖《我国血吸虫病监测预警体系的建立与应用》（排名第一编号：20150135）

2015 年获中华医学奖二等奖《我国血吸虫病监测预警体系的建立与应用》（排名第一，编号：201502046U0201）

2015 年获华夏医学科技奖二等奖《我国血吸虫病监测预警体系的建立与应用》（排名第一，编号：201502021U0201）

2016 年获上海市科学技术奖一等奖《我国重要寄生虫虫种资源库的构建与应用》（排名第一，编号：20164018）

2016 年获中华医学科技奖三等奖《我国重要寄生虫虫种资源库的构建与应用》（排名第一，编号：201603040U0501）

2018 年中华医学科技奖二等奖《重大媒传与食源性寄生虫病检测关键技术研究与应用》（排名第一，编号：201802138U0701）

## Profile

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## Education

1978.10-1982.1 Suzhou Medical College, Suzhou, China  
1985.9-1988.6 Jiangsu Institute of Parasitic Diseases, Wuxi, China, MSc  
1990.11-1991.6 1990-1991 Mahidol University, Thailand, Visiting Scholar  
1991.6-1994.6 Copenhagen University, Copenhagen, Denmark, PhD  
1994.6-1994.8 Marin Biology Laboratory, USA, summer course  
1996.7-1997.1 Danish Bilharziasis Laboratory, Denmark, Guest Researcher  
1998.5-1998.6 Louisiana State University, USA, Guest Researcher

## Appointments

1982.2-1985.8: Medical Doctor, Jiangsu Institute of Parasitic Diseases, Wuxi  
1988.8-1995.10: Assistant Professor, Jiangsu Institute of Parasitic Diseases, Wuxi  
1995.10-1999.3: Associate Professor/ Professor (since 1998), Jiangsu Institute of Parasitic Diseases, Wuxi  
1999.3-2001.8: Deputy Director (since 1999), Jiangsu Institute of Parasitic Diseases, Wuxi  
2000.6-8 Louisiana State University, USA, Guest Teacher  
2001.8-2010.9: Deputy Director, National Institute of Parasitic Diseases (IPD), Chinese Center for Diseases Control and Prevention (China CDC), Shanghai [former name: Institute of Parasitic Diseases, Chinese Academy of Preventive Medicine], in charge of: Control Programme for Parasitic Diseases, Scientific research, Information Center, and Professional training.  
2010.9-present: Director, National Institute of Parasitic Diseases (IPD), Chinese Center for Diseases Control and Prevention (China CDC); Director, WHO Collaborating Center for Tropical Diseases, Shanghai

## Academic Participation and Activities

Chair, The West Pacific Regional Programme Review Group on Neglected Tropical Diseases, WHO (2014-) Member, The Scientific and Technology Advisory Committee of WHO-TDR (2014-)

Member, Editorial Advisory Group of BioMedical Central (2015-)

Member, The Strategic Advisory Group for Malaria Eradication, WHO (2016-)

Member, The Scientific and Technology Advisory Committee on Neglected Tropical Diseases, WHO (2010-2016)

Member, The Foodborne Disease Burden Epidemiology Reference Group, WHO (2007-2014)

Committee Member, Global Network for Geospatial Health (2009-2015)

President, Regional Network for Asian Schistosomiasis (RNAS+) (2009-2012)

Co-Chair, the Expert Panel for TDR Thematic Reference Group on Environment, Agriculture, and Infectious Diseases (2008-2012)

Member, The Scientific Advisory Committee (SAC) for Stewardship for Research on Infectious Diseases of Poverty (STE), TDR (2008-2010)

Member, The Advisory Board Member for TropIKA, TDR (2007-2010)

Vice Chairman, National Expert Committee on Disease Control, MOH (2010-)

Chairman, National Expert Committee on Schistosomiasis and Parasitic Diseases, MOH (2010-)

Chairman, The Society of Parasitology, China Preventive Medical Association (2016-)

Vice Chairman, The Chinese Society for Global Health, Chinese Preventive Medicine Association (2016-)

Vice President, Chinese Society for Malacology (2007- )

Board Member, Chinese Association for Medical Geography (2001- )

Vice Chairman, The Society of Parasitology, China Preventive Medical Association (2009-2016)

Chairman, Shanghai Society for Parasitology (2003-2014)

Editor-in Chief, Infectious Diseases of Poverty (2012-)

Editor-in Chief, Chinese Journal of Schistosomiasis Control (2008-)

Advisor, Chinese Journal of Parasitology and Parasitic Diseases (2003-2018)

Associated Editor, PLoS Neglected Tropical Diseases (2007-)

Editorial Board Member, Acta Tropica (2008-)

Editorial Board Member, Parasites & Vectors (2008-)

Editorial Board Member, Parasitology International (2008-)

Editorial Board Member, The Open Parasitology (2007-)

Editorial Board Member, BMC Infectious Diseases (2009-)

Editorial Board Member, Advances in Parasitology (2010-)

Editorial Board Member, EcoHealth (2011-)

Vice Editor-in-Chief, Chinese Journal of Parasitology and Parasitic Diseases (2003-2018)

Regional Associated Editor, Geospatial Health (2006-2016)

## Research Interest

Spatial epidemiology, Schistosomiasis epidemiology, Biology of *Oncomelania hupensis*, The interaction between parasite and host

## Projects

2016.1-2020.12 Study on Epidemic Law of important infectious diseases in Africa (2016ZX10004222-004) Ministry of science and technology infectious diseases major special project

2016.7-2018.12 Dynamic distribution and resource bank construction of important tropical disease-related invasive vectors and their pathogens (2014BAI13B05), National key R & D plan

2014.1-2016.6 Study on integrated control technology of kala Azar, malaria and viral hemorrhagic fever (2014BAI13B05), National Science and technology support plan

2020.1-2023.12 Construction and field verification of intervention mechanism model of hookworm disease based on system theory (81973108) National Natural Science Foundation of China

2013.1-2016.12 Study on the model of malaria spreading mechanism in China's border areas (81273192) National Natural Science Foundation of China

## Publications

[1] Zheng J, Shi B, Xia S, Yang G, Zhou XN. Spatial patterns of *Plasmodium vivax* transmission explored by multivariate auto-regressive state-space modelling - A case study in Baoshan Prefecture in southern China. *Geospat Health* 2021;16(1).

[2] Shi B, Zheng J, Xia S, Lin S, Wang X, Liu Y, Zhou XN, Liu J. Accessing the syndemic of COVID-19 and malaria intervention in Africa. *Infect Dis Poverty* 2021;10(1):5.

[3] Qian MB, Zhuang SF, Zhu SQ, Deng XM, Li ZX, Zhou XN. Epidemiology and determinants of clonorchiasis in school children in southeastern China. *Acta Trop* 2021;216:105752.

[4] Qian MB, Li HM, Jiang ZH, Yang YC, Lu MF, Wei K, Wei SL, Chen Y, Zhou CH, Chen YD, Zhou XN. Severe hepatobiliary morbidity is associated with *Clonorchis sinensis* infection: The evidence from a cross-sectional community study. *PLoS Negl Trop Dis* 2021;15(1):e0009116.

[5] Li HM, Qian YJ, Yang K, Ding W, Huang LL, Ma XJ, Duan L, Wang DQ, Guan YY, Xiao N, Zhou XN. Assessment of China's contributions to the Regional

Network for Asian Schistosomiasis and Other Helminth Zoonoses: a questionnaire survey. *Glob Health Res Policy* 2021;6(1):7.

[6] Jiang Y, Yuan Z, Shen Y, Rosa BA, Martin J, Cao S, Zhou Y, Mitreva M, Cao J. Alteration of the fecal microbiota in Chinese patients with *Schistosoma japonicum* infection. *Parasite* 2021;28:1.

[7] Hwang CC, Zhou WC, Ger MJ, Guo Y, Qian ZX, Wang YC, Tsai CL, Wu SP. Biogeography of land snail genus *Acusta* (Gastropoda: Camaenidae): Diversification on East Asian islands. *Mol Phylogenet Evol* 2021;155:106999.

[8] Huang F, Yan H, Xue JB, Cui YW, Zhou SS, Xia ZG, Abeyasinghe R, Ringwald P, Zhou XN. Molecular surveillance of *pfprt*, *pfmdr1* and *pfk13*-propeller mutations in *Plasmodium falciparum* isolates imported from Africa to China. *Malar J* 2021;20(1):73.

[9] Hao Y, Hu X, Gong Y, Xue J, Zhou Z, Li Y, Wang Q, Zhang Y, Li S. Spatio-temporal clustering of Mountain-type Zoonotic Visceral Leishmaniasis in China between 2015 and 2019. *PLoS Negl Trop Dis* 2021;15(3):e0009152.

[10] Habib MR, Lv S, Rollinson D, Zhou XN. Invasion and Dispersal of *Biomphalaria* Species: Increased Vigilance Needed to Prevent the Introduction and Spread of Schistosomiasis. *Front Med (Lausanne)* 2021;8:614797.

[11] Fang Y, Tambo E, Xue JB, Zhang Y, Zhou XN, Khater EIM. Detection of DENV-2 and Insect-Specific Flaviviruses in Mosquitoes Collected From Jeddah, Saudi Arabia. *Front Cell Infect Microbiol* 2021;11:626368.

[12] Ehrenberg JP, Utzinger J, Fontes G, da Rocha EMM, Ehrenberg N, Zhou XN, Steinmann P. Efforts to mitigate the economic impact of the COVID-19 pandemic: potential entry points for neglected tropical diseases. *Infect Dis Poverty* 2021;10(1):2.

[13] Chen YD, Li HZ, Xu LQ, Qian MB, Tian HC, Fang YY, Zhou CH, Ji Z, Feng ZJ, Tang M, Li Q, Wang Y, Bergquist R, Zhou XN. Effectiveness of a community-based integrated strategy to control soil-transmitted helminthiasis and clonorchiasis in the People's Republic of China. *Acta Trop* 2021;214:105650.

[14] Abraham A, Bustos JA, Carabin H, de Meijere R, Sahu PS, Rajshekhar V, Singh G, White AC, Jr., Chiodini PL, Gabriel S, Homeida M, Nash T, Ngowi B, Zhou XN, Coyle C, Garcia HH, Winkler AS. The effectiveness of anti-inflammatory and anti-seizure medication for individuals with single enhancing lesion neurocysticercosis: A meta-analysis and expert group-based consensus recommendations. *PLoS Negl Trop Dis* 2021;15(3):e0009193.

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[17] Zhu HH, Zhou CH, Zhang MZ, Huang JL, Zhu TJ, Qian MB, Chen YD, Li SZ, Zhou XN. Engagement of the National Institute of Parasitic Diseases in control of soil-transmitted helminthiasis in China. *Adv Parasitol* 2020;110:217-44.

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National surveillance on soil-transmitted helminthiasis in the People's Republic of China. *Acta Trop* 2020;205:105351.

[19] Zhou ZB, Wang JY, Gao CH, Han S, Li YY, Zhang Y, Zhou XN. Contributions of the National Institute of Parasitic Diseases to the control of visceral leishmaniasis in China. *Adv Parasitol* 2020;110:185-216.

[20] Zhou XN, Xu XN, Cao JP, Xiao N, Li SZ, Wang RB. Preface: Development strategy of NIPD-CTDR in the new era. *Adv Parasitol* 2020;110:xxiii-xxxii.

[21] Zheng C, Wang L, Li Y, Zhou XN. Visceral leishmaniasis in northwest China from 2004 to 2018: a spatio-temporal analysis. *Infect Dis Poverty* 2020;9(1):165.

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[23] Yu Q, Xiao N, Han S, Tian T, Zhou XN. Progress on the national echinococcosis control programme in China: analysis of humans and dogs population intervention during 2004-2014. *Infect Dis Poverty* 2020;9(1):137.

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[25] Yan C, Wu J, Xu N, Li J, Zhou QY, Yang HM, Cheng XD, Liu JX, Dong X, Koda S, Zhang BB, Yu Q, Chen JX, Tang RX, Zheng KY. TLR4 Deficiency Exacerbates Biliary Injuries and Peribiliary Fibrosis Caused by Clonorchis sinensis in a Resistant Mouse Strain. *Front Cell Infect Microbiol* 2020;10:526997.

[26] Xu TL, Ao MY, Zhou X, Zhu WF, Nie HY, Fang JH, Sun X, Zheng B, Chen XF. China's practice to prevent and control COVID-19 in the context of large population movement. *Infect Dis Poverty* 2020;9(1):115.

[27] 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.

[28] Xiao N, Li SZ, Qian MB, Xia ZG, Yu Q, Liu Q, Lv S, Zhou XN. Contribution of NIPD-CTDR to the parasitic diseases control and elimination in China: Memory of the 70th anniversary for NIPD-CTDR. *Adv Parasitol* 2020;110:401-27.

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2020;19(1):59.

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[34] Wang RB, Hong YT, Zhou XN. Seventy years' achievements of international cooperation by the National Institute of Parasitic Diseases at the Chinese Center for Disease Control and Prevention. *Infect Dis Poverty* 2020;9(1):164.

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## Books

- 1) Tropical diseases in China: schistosomiasis (public health in China Series) Zhou Xiaonong, people's Health Publishing House, June 978-7-117-25999-6, 2018
- 2) Tropical diseases in China: neglected tropical diseases and malaria (public health in China Series) Zhou Xiaonong, people's Health Publishing House, July 978-7-117-28427-1, 2019
- 3) Surveillance and management of parasitic diseases Zhou Xiaonong, people's Health Publishing House, September 978-7-117-24654-5, 2017

## Patents

- 1) A push type device for automatically and regularly feeding dog anthelmintic ZL201611208002.5
- 2) An immunochromatographic strip for diagnosis of kala Azar based on detection of circulating antigen ZL 201410355940.2



## Honors and Awards

- 1) 2008, he won the honorary title of young and middle-aged expert with outstanding contribution from the Ministry of health
- 2) 2010, he won the public health and preventive medicine development contribution award of the Chinese Preventive Medicine Association
- 3) 2011, he was the leader of excellent subjects in Shanghai
- 4) 2015, the third prize of China Preventive Medicine Science and Technology Award (20150135).
- 5) 2015, the second prize of Chinese Medicine Award in 2015 (201502046u0201)
- 6) 2015, the second prize of Huaxia Medical Science and Technology Award in 2015 (201502021u0201)
- 7) 2016, the first prize of Shanghai Science and Technology Award (20164018)
- 8) 2016, the third prize of Chinese medical science and Technology Award (201603040u0501)
- 9) 2018, the second prize of Chinese medical science and Technology Award (201802138u0701)