

CURRICULUM VITAE

A. Personal Information

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| NAME Xiao-Nong Zhou | | POSITION TITLE Professor, Director National Institute of Parasitic Diseases, China CDC | |
| EDUCATION/TRAINING | | | |
| INSTITUTION AND LOCATION | DEGREE | MM/YY | FIELD OF STUDY |
| Copenhagen University, Denmark | PhD | 08/1994 | Biology |
| Jiangsu Institute of Parasitic Diseases, Wuxi, China | MSc | 07/1985 | Parasitology |
| Suzhou Medical College, Suzhou, China | | 01/1982 | Medicine |

B. Positions and Honors

Positions and Employment

- 2010.9 – present: Director, National Institute of Parasitic Diseases (IPD), Chinese Center for Diseases Control and Prevention (China CDC)
- 2001.8 – 2010.9: Deputy Director, National Institute of Parasitic Diseases (IPD), Chinese Center for Diseases Control and Prevention (China CDC) [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.
- 1998- 2001: Professor (since 1998), Deputy Director (since 1999), Jiangsu Institute of Parasitic Diseases
2000.6-8 Louisiana State University, USA, Guest Teacher
1998.6-8 Louisiana State University, USA, Guest Researcher
- 1995-1998: Associate Professor, Jiangsu Institute of Parasitic Diseases
1996.7-1997.1 Danish Bilharziasis Laboratory, Denmark, Guest Researcher
1994.6-1994.8 Marin Biology Laboratory, USA, summer course
- 1988-1995: Assistant Professor, Jiangsu Institute of Parasitic Diseases,
1993-1994 Danish Bilharziasis Laboratory, Denmark, Visiting Scholar
1991-1992 Danish Bilharziasis Laboratory, Denmark, Visiting Scholar
1990-1991 Mahidol University, Thailand, Visiting Scholar
- 1982- 1985: Medical Doctor, Jiangsu Institute of Parasitic Diseases

Memberships

- Chair, The West Pacific Regional Programme Review Group on Neglected Tropical Diseases, WHO (2014-)
- Member, The Scientific and Technology Advisory Committee of TDR, WHO (2014-)
- Member, The Scientific and Technology Advisory Committee on Neglected Tropical Diseases, WHO (2010-)
- Member, The Foodborne Disease Burden Epidemiology Reference Group, WHO (2007-2014)
- Committee Member, Global Network for Geospatial Health (2009-)
- 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-)
Vice Chairman, The Society of Parasitology, China Preventive Medical Association (2009-)
Vice President, Chinese Society for Malacology (2007-)
Chairman, Shanghai Society for Parasitology (2003-)
Board Member, Chinese Association for Medical Geography (2001-)

Editor-in Chief, Infectious Diseases of Poverty (2012-)
Editor-in Chief, Chinese Journal of Schistosomiasis Control (2008-)
Vice Editor-in-Chief, Chinese Journal of Parasitology and Parasitic Diseases (2003-)

Regional Associated Editor, Geospatial Health (2006-)
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-)

Honors

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| 1998 | Outstanding Young Expert Award, Jiangsu Provincial Government, PR China |
| 2008 | Outstanding Young Expert Award, Ministry of Health, PR China |
| 2010 | Award for Best in Preventive Medicine, Chinese Association of Preventive Medicine, PR China |
| 2013 | Award for the Excellence Principal Investigator in Shanghai Municipality, PR China |

C. Selected Peer-reviewed Publications (Selected from peer-reviewed publications since 2010)

2015

1. Steinmann P, Rinaldi L, Cringoli G, Du ZW, Marti H, Jiang JY, Zhou H, Zhou XN, Utzinger J: Morphological diversity of *Trichuris* spp. eggs observed during an anthelmintic drug trial in Yunnan, China, and relative performance of parasitologic diagnostic tools. *Acta tropica* 2015, 141(Pt B):184-189.
2. Steinmann P, Yap P, Utzinger J, Du ZW, Jiang JY, Chen R, Wu FW, Chen JX, Zhou H, Zhou XN: Control of soil-transmitted helminthiasis in Yunnan province, People's Republic of China: Experiences and lessons from a 5-year multi-intervention trial. *Acta tropica* 2015, 141(Pt B):271-280.
3. Tong QB, Chen R, Zhang Y, Yang GJ, Kumagai T, Furushima-Shimogawara R, Lou D, Yang K, Wen LY, Lu SH et al: A new surveillance and response tool: Risk map of infected *Oncomelania hupensis* detected by Loop-mediated isothermal amplification (LAMP) from pooled samples. *Acta tropica* 2015, 141(Pt B):170-177.
4. Utzinger J, Brattig NW, Leonardo L, Zhou XN, Bergquist R: Progress in research, control and elimination of helminth infections in Asia. *Acta tropica* 2015, 141(Pt B):135-145.
5. van Dam GJ, Xu J, Bergquist R, de Dood CJ, Utzinger J, Qin ZQ, Guan W, Feng T, Yu XL, Zhou J et al: An ultra-sensitive assay targeting the circulating anodic antigen for the diagnosis of *Schistosoma japonicum* in a low-endemic area, People's Republic of China. *Acta tropica* 2015, 141(Pt B):190-197.
6. Xu JF, Lv S, Wang QY, Qian MB, Liu Q, Bergquist R, Zhou XN: Schistosomiasis japonica: Modelling as a tool to explore transmission patterns. *Acta tropica* 2015, 141(Pt B):213-222.
7. Yang K, Zhou XN, Jia TW, Yang GJ, Wu XH, Shi XW, Li HJ, Steinmann P, Utzinger J, Bergquist R: Eco-social

determinants of *Schistosoma japonicum* infection supported by multi-level modelling in Eryuan county, People's Republic of China. *Acta tropica* 2015, 141(Pt B):391-398.

2014

8. Chen JH, Zhang T, Ju C, Xu B, Lu Y, Mo XJ, Chen SB, Fan YT, Hu W, Zhou XN: An integrated immunoproteomics and bioinformatics approach for the analysis of *Schistosoma japonicum* tegument proteins. *Journal of proteomics* 2014, 98:289-299.
9. Chen SB, Ju C, Chen JH, Zheng B, Huang F, Xiao N, Zhou X, Ernest T, Zhou XN: Operational research needs toward malaria elimination in china. *Advances in parasitology* 2014, 86:109-133.
10. Chen Z, Liu Q, Jiao FC, Xu BL, Zhou XN: Detection of piroplasms infection in sheep, dogs and hedgehogs in Central China. *Infectious diseases of poverty* 2014, 3:18.
11. Chen Z, Liu Q, Liu JQ, Xu BL, Lv S, Xia S, Zhou XN: Tick-borne pathogens and associated co-infections in ticks collected from domestic animals in central China. *Parasites & vectors* 2014, 7:237.
12. Dang H, Xu J, Li SZ, Cao ZG, Huang YX, Wu CG, Tu ZW, Zhou XN: Monitoring the transmission of *Schistosoma japonicum* in potential risk regions of China, 2008 - 2012. *International journal of environmental research and public health* 2014, 11(2):2278-2287.
13. Li SZ, Zheng H, Abe EM, Yang K, Bergquist R, Qian YJ, Zhang LJ, Xu ZM, Xu J, Guo JG et al: Reduction patterns of acute schistosomiasis in the People's Republic of China. *PLoS neglected tropical diseases* 2014, 8(5):e2849.
14. Li XX, Chen JX, Wang LX, Tian LG, Zhang YP, Dong SP, Hu XG, Liu J, Wang FF, Wang Y et al: Intestinal parasite co-infection among pulmonary tuberculosis cases without human immunodeficiency virus infection in a rural county in China. *The American journal of tropical medicine and hygiene* 2014, 90(1):106-113.
15. Li XX, Wang LX, Zhang H, Jiang SW, Fang Q, Chen JX, Zhou XN: Spatial variations of pulmonary tuberculosis prevalence co-impacted by socio-economic and geographic factors in People's Republic of China, 2010. *BMC public health* 2014, 14:257.
16. Li XX, Wang LX, Zhang J, Liu YX, Zhang H, Jiang SW, Chen JX, Zhou XN: Exploration of ecological factors related to the spatial heterogeneity of tuberculosis prevalence in P. R. China. *Global health action* 2014, 7:23620.
17. Shi B, Liu J, Zhou XN, Yang GJ: Inferring *Plasmodium vivax* transmission networks from tempo-spatial surveillance data. *PLoS neglected tropical diseases* 2014, 8(2):e2682.
18. Tambo E, Ai L, Zhou X, Chen JH, Hu W, Bergquist R, Guo JG, Utzinger J, Tanner M, Zhou XN: Surveillance-response systems: the key to elimination of tropical diseases. *Infectious diseases of poverty* 2014, 3:17.
19. Torgerson PR, de Silva NR, Fevre EM, Kasuga F, Rokni MB, Zhou XN, Sripa B, Gargouri N, Willingham AL, Stein C: The global burden of foodborne parasitic diseases: an update. *Trends in parasitology* 2014, 30(1):20-26.
20. Xia ZG, Zhang L, Feng J, Li M, Feng XY, Tang LH, Wang SQ, Yang HL, Gao Q, Kramer R et al: Lessons from malaria control to elimination: case study in hainan and yunnan provinces. *Advances in parasitology* 2014, 86:47-79.
21. Xu LL, Jiang B, Duan JH, Zhuang SF, Liu YC, Zhu SQ, Zhang LP, Zhang HB, Xiao SH, Zhou XN: Efficacy and safety of praziquantel, tribendimidine and mebendazole in patients with co-infection of *Clonorchis sinensis* and other helminths. *PLoS neglected tropical diseases* 2014, 8(8):e3046.
22. Yang GJ, Liu L, Zhu HR, Griffiths SM, Tanner M, Bergquist R, Utzinger J, Zhou XN: China's sustained drive to eliminate neglected tropical diseases. *The Lancet Infectious diseases* 2014, 14(9):881-892.

23. Yap P, Wu FW, Du ZW, Hattendorf J, Chen R, Jiang JY, Kriemler S, Krauth SJ, Zhou XN, Utzinger J et al: Effect of deworming on physical fitness of school-aged children in Yunnan, China: a double-blind, randomized, placebo-controlled trial. *PLoS neglected tropical diseases* 2014, 8(7):e2983.
24. Yin JH, Zhou SS, Xia ZG, Wang RB, Qian YJ, Yang WZ, Zhou XN: Historical patterns of malaria transmission in china. *Advances in parasitology* 2014, 86:1-19.
25. Zhou X, Huang JL, Njuabe MT, Li SG, Chen JH, Zhou XN: A molecular survey of febrile cases in malaria-endemic areas along China-Myanmar border in Yunnan province, People's Republic of China. *Parasite* 2014, 21:27.
26. Zhou XN: Value of a novel diagnostics of rSP13-ELISA toward schistosomiasis elimination in China. *Science China Life sciences* 2014, 57(6):647-648.
27. Zhou XN, Xia ZG, Wang RB, Qian YJ, Zhou SS, Utzinger J, Tanner M, Kramer R, Yang WZ: Feasibility and roadmap analysis for malaria elimination in china. *Advances in parasitology* 2014, 86:21-46.

2013

28. Bi Y, Hu W, Yang H, Zhou XN, Yu W, Guo Y, Tong S: Spatial patterns of malaria reported deaths in Yunnan Province, China. *The American journal of tropical medicine and hygiene* 2013, 88(3):526-535.
29. Bi Y, Yu W, Hu W, Lin H, Guo Y, Zhou XN, Tong S: Impact of climate variability on Plasmodium vivax and Plasmodium falciparum malaria in Yunnan Province, China. *Parasites & vectors* 2013, 6:357.
30. Birbeck GL, Wiysonge CS, Mills EJ, Frenk JJ, Zhou XN, Jha P: Global health: the importance of evidence-based medicine. *BMC medicine* 2013, 11:223.
31. Chen JX, Chen MX, Ai L, Xu XN, Jiao JM, Zhu TJ, Su HY, Zang W, Luo JJ, Guo YH et al: An Outbreak of Human Fascioliasis gigantica in Southwest China. *PloS one* 2013, 8(8):e71520.
32. Gao SJ, He YY, Liu YJ, Yang GJ, Zhou XN: Field transmission intensity of Schistosoma japonicum measured by basic reproduction ratio from modified Barbour's model. *Parasites & vectors* 2013, 6:141.
33. Hotez P, Singh SK, Zhou XN: Advancing Sino-Indian cooperation to combat tropical diseases. *PLoS neglected tropical diseases* 2013, 7(9):e2204.
34. Ito A, Zhou XN, Craig PS, Giraudoux P: Control of cestode zoonoses in Asia: role of basic and applied science. Preface. *Parasitology* 2013, 140(13):1547-1550.
35. Lai YS, Zhou XN, Utzinger J, Vounatsou P: Bayesian geostatistical modelling of soil-transmitted helminth survey data in the People's Republic of China. *Parasites & vectors* 2013, 6:359.
36. Li XX, Zhou XN: Co-infection of tuberculosis and parasitic diseases in humans: a systematic review. *Parasites & vectors* 2013, 6:79.
37. Liu P, Wu XP, Bai X, Wang XL, Yu L, Rosenthal B, Blaga R, Lacour S, Vallee I, Boireau P et al: Screening of early antigen genes of adult-stage Trichinella spiralis using pig serum from different stages of early infection. *Veterinary parasitology* 2013, 194(2-4):222-225.
38. Lv S, Tian LG, Liu Q, Qian MB, Fu Q, Steinmann P, Chen JX, Yang GJ, Yang K, Zhou XN: Water-related parasitic diseases in China. *International journal of environmental research and public health* 2013, 10(5):1977-2016.

39. Qian MB, Chen YD, Fang YY, Tan T, Zhu TJ, Zhou CH, Wang GF, Xu LQ, Zhou XN: Epidemiological profile of *Clonorchis sinensis* infection in one community, Guangdong, People's Republic of China. *Parasites & vectors* 2013, 6:194.
40. Qian MB, Yap P, Yang YC, Liang H, Jiang ZH, Li W, Tan YG, Zhou H, Utzinger J, Zhou XN *et al*: Efficacy and safety of tribendimidine against *Clonorchis sinensis*. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America* 2013, 56(7):e76-82.
41. Qian MB, Yap P, Yang YC, Liang H, Jiang ZH, Li W, Utzinger J, Zhou XN, Keiser J: Accuracy of the Kato-Katz method and formalin-ether concentration technique for the diagnosis of *Clonorchis sinensis*, and implication for assessing drug efficacy. *Parasites & vectors* 2013, 6(1):314.
42. Shi B, Xia S, Yang GJ, Zhou XN, Liu J: Inferring the potential risks of H7N9 infection by spatiotemporally characterizing bird migration and poultry distribution in eastern China. *Infectious diseases of poverty* 2013, 2(1):8.
43. Wang DQ, Xia ZG, Zhou SS, Zhou XN, Wang RB, Zhang QF: A potential threat to malaria elimination: extensive deltamethrin and DDT resistance to *Anopheles sinensis* from the malaria-endemic areas in China. *Malaria journal* 2013, 12:164.
44. Wiwanitkit V, Shi B, Xia S, Yang GJ, Zhou XN, Liu J: Research priorities in modeling the transmission risks of H7N9 bird flu. *Infectious diseases of poverty* 2013, 2(1):17.
45. Wu XP, Liu XL, Wang XL, Blaga R, Fu BQ, Liu P, Bai X, Wang ZJ, Rosenthal BM, Shi HN *et al*: Unique antigenic gene expression at different developmental stages of *Trichinella pseudospiralis*. *Veterinary parasitology* 2013, 194(2-4):198-201.
46. Xia S, Allotey P, Reidpath DD, Yang P, Sheng HF, Zhou XN: Combating infectious diseases of poverty: a year on. *Infectious diseases of poverty* 2013, 2(1):27.
47. Xu JF, Xu J, Li SZ, Jia TW, Huang XB, Zhang HM, Chen M, Yang GJ, Gao SJ, Wang QY *et al*: Transmission risks of schistosomiasis japonica: extraction from back-propagation artificial neural network and logistic regression model. *PLoS neglected tropical diseases* 2013, 7(3):e2123.
48. Yang K, Sun LP, Liang YS, Wu F, Li W, Zhang JF, Huang YX, Hang DR, Liang S, Bergquist R *et al*: *Schistosoma japonicum* risk in Jiangsu province, People's Republic of China: identification of a spatio-temporal risk pattern along the Yangtze River. *Geospatial health* 2013, 8(1):133-142.
49. Yap P, Du ZW, Wu FW, Jiang JY, Chen R, Zhou XN, Hattendorf J, Utzinger J, Steinmann P: Rapid re-infection with soil-transmitted helminths after triple-dose albendazole treatment of school-aged children in Yunnan, People's Republic of China. *The American journal of tropical medicine and hygiene* 2013, 89(1):23-31.
50. Yin JH, Wang RB, Xia ZG, Zhou SS, Zhou XN, Zhang QF, Feng XY: Students' awareness of malaria at the beginning of national malaria elimination programme in China. *Malaria journal* 2013, 12:237.
51. Zhou XN, Bergquist R, Tanner M: Elimination of tropical disease through surveillance and response. *Infectious diseases of poverty* 2013, 2(1):1.

2012

52. Zhou XN: Prioritizing research for "One health - One world". *Infectious Diseases of Poverty* 2012, 1:1

53. Li SZ, Qian YJ, Yang K, Wang Q, Zhang HM, Liu J, Chen MH, Huang XB, Xu YL, Bergquist R *et al*: Successful outcome of an integrated strategy for the reduction of schistosomiasis transmission in an endemically complex area. *Geospatial health* 2012, 6(2):215-220.
54. Yang K, Sun LP, Huang YX, Yang GJ, Wu F, Hang DR, Li W, Zhang JF, Liang YS, Zhou XN: A real-time platform for monitoring schistosomiasis transmission supported by Google Earth and a web-based geographical information system. *Geospatial health* 2012, 6(2):195-203.
55. Jia TW, Melville S, Utzinger J, King CH, Zhou XN: Soil-transmitted helminth reinfection after drug treatment: a systematic review and meta-analysis. *PLoS neglected tropical diseases* 2012, 6(5):e1621.
56. Yap P, Du ZW, Chen R, Zhang LP, Wu FW, Wang J, Wang XZ, Zhou H, Zhou XN, Utzinger J *et al*: Soil-transmitted helminth infections and physical fitness in school-aged Bulang children in southwest China: results from a cross-sectional survey. *Parasites & vectors* 2012, 5:50.
57. Tian LG, Chen JX, Wang TP, Cheng GJ, Steinmann P, Wang FF, Cai YC, Yin XM, Guo J, Zhou L *et al*: Co-infection of HIV and intestinal parasites in rural area of China. *Parasites & vectors* 2012, 5:36.
58. Wang JY, Cui G, Chen HT, Zhou XN, Gao CH, Yang YT: Current epidemiological profile and features of visceral leishmaniasis in people's republic of China. *Parasites & vectors* 2012, 5:31.
59. Lv S, Zhang Y, Zhang L, Liu Q, Liu HX, Hu L, Wei FR, Steinmann P, Graeff-Teixeira C, Zhou XN *et al*: The complete mitochondrial genome of the rodent intra-arterial nematodes *Angiostrongylus cantonensis* and *Angiostrongylus costaricensis*. *Parasitology research* 2012, 111(1):115-123.
60. Kong QM, Lu SH, Tong QB, Lou D, Chen R, Zheng B, Kumagai T, Wen LY, Ohta N, Zhou XN: Loop-mediated isothermal amplification (LAMP): early detection of *Toxoplasma gondii* infection in mice. *Parasites & vectors* 2012, 5:2.
61. Ai L, Xu MJ, Chen MX, Zhang YN, Chen SH, Guo J, Cai YC, Zhou XN, Zhu XQ, Chen JX: Characterization of microRNAs in *Taenia saginata* of zoonotic significance by Solexa deep sequencing and bioinformatics analysis. *Parasitology research* 2012, 110(6):2373-2378.

2011

62. AI, L., XU, M. J., CHEN, M. X., ZHANG, Y. N., CHEN, S. H., GUO, J., CAI, Y. C., **ZHOU, X. N.**, ZHU, X. Q. & CHEN, J. X. 2011. Characterization of microRNAs in *Taenia saginata* of zoonotic significance by Solexa deep sequencing and bioinformatics analysis. *Parasitol Res.*4 (6): 2373-2378 (SCI Impact Factor= **1.81**)
63. JIA, T. W., UTZINGER, J., DENG, Y., YANG, K., LI, Y. Y., ZHU, J. H., KING, C. H. & **ZHOU, X. N.** 2011. Quantifying quality of life and disability of patients with advanced schistosomiasis japonica. *PLoS Negl Trop Dis*, 5, e966. (SCI Impact Factor= **4.75**)
64. KOTZE, A. C., STEINMANN, P., ZHOU, H., DU, Z. W. & **ZHOU, X. N.** 2011. The effect of egg embryonation on field-use of a hookworm benzimidazole-sensitivity egg hatch assay in Yunnan Province, People's Republic of China. *PLoS Negl Trop Dis*, 5, e1203. (SCI Impact Factor= **4.75**)
65. LIN, R. Q., TANG, J. D., ZHOU, D. H., SONG, H. Q., HUANG, S. Y., CHEN, J. X., CHEN, M. X., ZHANG, H., ZHU, X. Q. & **ZHOU, X. N.** 2011. Prevalence of *Clonorchis sinensis* infection in dogs and cats in subtropical southern China. *Parasit Vectors*, 4, 180. (SCI Impact Factor= **2.13**)
66. QIAN, M. B., CHEN, Y. D., FANG, Y. Y., XU, L. Q., ZHU, T. J., TAN, T., ZHOU, C. H., WANG, G. F., JIA, T. W., YANG, G. J. & **ZHOU, X. N.** 2011. Disability Weight of *Clonorchis sinensis* Infection: Captured from Community Study and Model Simulation. *PLoS Negl Trop Dis*, 5, e1377. (SCI Impact Factor= **4.75**)
67. SETO, E. Y., REMAIS, J. V., CARLTON, E. J., WANG, S., LIANG, S., BRINDLEY, P. J., QIU, D., SPEAR, R. C., WANG,

- L. D., WANG, T. P., CHEN, H. G., DONG, X. Q., WANG, L. Y., HAO, Y., BERGQUIST, R. & **ZHOU, X. N.** 2011. Toward sustainable and comprehensive control of schistosomiasis in China: lessons from Sichuan. *PLoS Negl Trop Dis*, 5, e1372. (SCI Impact Factor=**4.75**)
68. STEINMANN, P., UTZINGER, J., DU, Z. W., JIANG, J. Y., CHEN, J. X., HATTENDORF, J., ZHOU, H. & **ZHOU, X. N.** 2011. Efficacy of single-dose and triple-dose albendazole and mebendazole against soil-transmitted helminths and *Taenia* spp.: a randomized controlled trial. *PLoS One*, 6, e25003. (SCI Impact Factor= **4.41**)
69. SUN, L. P., LIANG, Y. S., WU, H. H., TIAN, Z. X., DAI, J. R., YANG, K., HONG, Q. B., **ZHOU, X. N.** & YANG, G. J. 2011. A Google Earth-based surveillance system for schistosomiasis japonica implemented in the lower reaches of the Yangtze River, China. *Parasit Vectors*, 4, 223. (SCI Impact Factor= **2.13**)
70. XU, J., FENG, T., LIN, D. D., WANG, Q. Z., TANG, L., WU, X. H., GUO, J. G., PEELING, R. W. & **ZHOU, X. N.** 2011. Performance of a dipstick dye immunoassay for rapid screening of *Schistosoma japonicum* infection in areas of low endemicity. *Parasit Vectors*, 4, 87. (SCI Impact Factor= **2.13**)
71. XU, J., PEELING, R. W., CHEN, J. X., WU, X. H., WU, Z. D., WANG, S. P., FENG, T., CHEN, S. H., LI, H., GUO, J. G. & **ZHOU, X. N.** 2011c. Evaluation of immunoassays for the diagnosis of *Schistosoma japonicum* infection using archived sera. *PLoS Negl Trop Dis*, 5, e949. (SCI Impact Factor= **4.75**)
72. YANG, G. J., **ZHOU, X. N.**, SUN, L. P., WU, F., ZHONG, B., QIU, D. C., UTZINGER, J. & BRADSHAW, C. J. 2011. Compensatory density feedback of *Oncomelania hupensis* populations in two different environmental settings in China. *Parasit Vectors*, 4, 133. (SCI Impact Factor= **2.13**)
73. YU, L. L., DING, J. Z., WEN, L. Y., LOU, D., YAN, X. L., LIN, L. J., LU, S. H., LIN, D. D. & **ZHOU, X. N.** 2011b. Development of a rapid dipstick with latex immunochromatographic assay (DLIA) for diagnosis of schistosomiasis japonica. *Parasit Vectors*, 4, 157. (SCI Impact Factor=**2.13**)
74. **ZHOU, X. N.**, XU, J., CHEN, H. G., WANG, T. P., HUANG, X. B., LIN, D. D., WANG, Q. Z., TANG, L., GUO, J. G., WU, X. H., FENG, T., CHEN, J. X., GUO, J., CHEN, S. H., LI, H., WU, Z. D. & PEELING, R. W. 2011b. Tools to Support Policy Decisions Related to Treatment Strategies and Surveillance of Schistosomiasis Japonica towards Elimination. *PLoS Negl Trop Dis*, 5, e1408. (SCI Impact Factor= **4.75**)

2010

75. Malone John B; Yang Guo-Jing; Leonardo Lydia; **Zhou Xiao-Nong**. Implementing a geospatial health data infrastructure for control of Asian schistosomiasis in the People's Republic of China and the Philippines. *Advances in parasitology* 2010;73():71-100. (SCI Impact Factor= **2.89**)
76. Olveda R, Leonardo L, Zheng F, Sripa B, Bergquist R, **Zhou XN** (2010) Coordinating research on neglected parasitic diseases in Southeast Asia through networking. *Adv Parasitol* 72:55-77(SCI Impact Factor=**2.89**)
77. Utzinger J, Bergquist R, Olveda R, **Zhou XN** (2010) Important helminth infections in Southeast Asia diversity, potential for control and prospects for elimination. *Adv Parasitol* 72:1-30(SCI Impact Factor=**2.89**)
78. Yang GJ, Utzinger J, Lv S, Qian YJ, Li SZ, Wang Q, Bergquist R, Vounatsou P, Li W, Yang K, **Zhou XN** (2010c) The Regional Network for Asian Schistosomiasis and Other Helminth Zoonoses (RNAS(+)) target diseases in face of climate change. *Adv Parasitol* 73:101-135(SCI Impact Factor= **2.89**)
79. Yang GJ, Gao Q, Zhou SS, Malone JB, McCarroll JC, Tanner M, Vounatsou P, Utzinger J, **Zhou XN** (2010) Prediction of malaria transmission tendency by integration of biological driven model and statistical model in China. *Geospatial Health*, 5(1):11-22. (SCI Impact Factor=**1.71**)
80. Lisa Vandemark, Tie-Wu Jia, **Xiao-Nong Zhou**. Social science implications for control of helminth infections in southeast Asia. *Advances in parasitology* 2010;73():137-170. (SCI Impact Factor= **2.89**)

81. **Zhou Xiao-Nong**; Bergquist Robert; Leonardo Lydia; Yang Guo-Jing; Yang Kun; Sudomo Mohammad; Olveda Remigio. Schistosomiasis japonica control and research needs. *Advances in parasitology* 2010;72():145-78. (SCI Impact Factor=2.89)

D. Completed Research Support

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| National Key Project of S&T (grant no. 2008ZX10004-011) Surveillance and detection of major human parasitic infections Role: PI | 09/01/08-08/31/11 |
| IDRC –CRDI (grant no. 20101209) Innovative strategies for the sustainable control of Asian Schistosomiasis and other helminth zoonoses through socio-ecosystem based interventions. Role: PI | 01/01/11-06/30/13 |
| The National Natural Science Foundation, China(grant no 30590373) Transmission dynamic model for major infectious diseases. Role: PI | 01/10/05-30/12/10 |
| Ministry of Science and Technology (grant no.2004DKA30480) Sharing and reform of parasitic resource for important parasitic diseases. Role: PI | 01/06/04-30/12/05 |
| The National Natural Science Foundation, China (grant no.300070684) Impact of global warming on transmission of Schistosomiasis in China. Role: PI | 01/04/01-30/12/05 |
| Ministry of Science and Technology (grant no. 2003DIA6N009) Surveillance and prediction of emerging infectious diseases. Role: co-PI (second) | 01/05/03-30/12/06 |
| UNPD/World Bank/WHO-TDR (grant no. grant no. A30298) Biosocial and environmental risks related to disease burden of schistosomiasis in the Yangtze River basin, China. Role: PI | 09/01/01-08/31/04 |
| UNPD/World Bank/WHO-TDR (grant no. 970990) Snail distribution/assessment of schistosomiasis risk by remote sensing and GIS. Role: PI | 01/01/95-12/31/98 |