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| <b>个人简介</b>  |  |
| 姓名：夏志贵<br>性别：男<br>出生年月：1976.03<br>学位/学历：硕士研究生<br>职称：研究员<br>电子邮件：xiazg@nipd.chinacdc.cn<br>办公地址：上海市黄浦区瑞金二路 207 号<br>办公电话：021-54561401   |   |
| <b>教育经历</b>  |   |
| 中国预防医学科学院，流行病与卫生统计学专业硕士（1999-2002 年）；<br>河北医科大学，公共卫生学院，预防医学本科（1994-1999 年）。  |   |
| <b>工作经历</b>  |   |
| 中国疾病预防控制中心寄生虫病所，疟疾室主任（2021 年至今）；<br>中国疾病预防控制中心寄生虫病所，疟疾室副主任（2008-2020 年，其中<br>2013-2014 年和 2019-2020 年主持科室工作）；<br>中国援助喀麦隆和刚果（金）抗疟中心专家（2009 年 3-6 月）；<br>中国疾病预防控制中心第 18 批汶川地震理县工作队队长（2008 年 8-9 月）；<br>中国疾病预防控制中心寄生虫病所，第一轮中国全球基金疟疾项目官员<br>（2002-2004 年）、主管（2005-2008 年）。 |   |
| <b>社会/学术任职和活动</b>  |   |
| 国家卫健委国家消除疟疾技术专家组专家；<br>中华预防医学会旅行卫生专业委员会第四届委员会委员；<br>《中国热带医学》杂志第四届编委会编委。  |   |
| <b>研究方向/主要研究内容</b>   |   |
| 疟疾流行病学、监测预警和控制与消除研究，包括综合运用流行病学、<br>地理信息学、数学模型、分子生物学等技术方法，定量分析疟疾发病特征及<br>其自然和社会因素作用，监视疟原虫种类和对抗疟药敏感程度，监视媒介按<br>蚊生态习性和对杀虫剂抗性程度，进行疟疾流行趋势和传播风险预测预警，<br>评价和优化疟疾控制和消除策略措施及研究其适宜推广价值等。   |   |

## 科研/教学研究项目

作为骨干先后参加原卫生部与世界卫生组织合作项目《中国消除疟疾关键技术研究》、国家科技重大专项《重要寄生虫病监测技术研究》《传染病监测技术平台》和《重要病媒生物携带病原体研究》以及中英全球卫生支持项目，作为子课题负责人参加上海市公共卫生体系建设三年行动计划第五轮重点学科项目《寄生虫病与病媒控制》研究，主持亚洲疟疾协作培训网络、亚洲区域合作专项资金及 WHO/TDR 等资助项目研究。

## 主要学术成果

丰俊,张丽,涂宏,周水森,夏志贵\*.从消除到消除后:中国输入性疟疾的疫情特征、挑战及防止再传播策略[J].中国热带医学,2021,21(01):5-10.

夏志贵,徐俊芳,张少森,王汝波,钱颖骏,周水森,杨维中,周晓农.我国疟疾由控制走向消除的干预措施分析[J].中国血吸虫病防治杂志,2014,26(06):598-601.

夏志贵,许铭,赵金扣,赖圣杰,周晓农.加强中国与全球基金的多边抗疟合作分析[J].中国寄生虫学与寄生虫病杂志,2017,35(06):520-526.

Huang F, Zhang L, Xue JB, Zhou HN, Thi A, Zhang J, Zhou SS, Xia ZG\*, From control to elimination: a spatial-temporal analysis of malaria along the China-Myanmar border. *Infect Dis Poverty*. 2020;9(1):158. Published 2020 Nov 19. doi:10.1186/s40249-020-00777-1.

Feng J, Zhou DL, Lin YX, Xiao HH, Yan H, Xia ZG\*. Amplification of *pfmdr1*, *pfprt*, *pvmr1*, and K13 propeller polymorphisms associated with *Plasmodium falciparum* and *Plasmodium vivax* isolates from the China-Myanmar border. *Antimicrob Agents Chemother*. 2015;59(5):2554-2559. doi:10.1128/AAC.04843-14.

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. *Malar J*. 2013;12:164. Published 2013 May 17. doi:10.1186/1475-2875-12-164.

## 荣誉及奖项

夏志贵(6/9); 境外输入性疟疾疫情特征及本地传播风险研究与防控应用,中国医疗保健国际交流促进会,华夏医学科技奖,三等奖,2019;

夏志贵(8/9); 青蒿素类抗疟药对恶性疟疗效的监测研究与遏制抗性对策,中国医疗保健国际交流促进会,华夏医学科技奖,三等奖,2017。

## Profile

**Name:** XIA Zhi-Gui  
**Gender:** Male  
**Date of birth:** 1976.03  
**Degree:** Master of Medicine  
**Title:** Professor  
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## Education

1. Master of Medicine, in Epidemiology and Health Statistics, Chinese Academy of Preventive Medicine (1999–2002)
2. Bachelor of Medicine, in Preventive Medicine, College of Public Health, Hebei Medical University of China (1994–1999)

## Appointments

1. Director of Malaria Department, NIPD of China CDC (2021 to date)
2. Deputy Chief (Presiding in 2013-2014 and 2019-2020) of Malaria Department, NIPD of China CDC (2008–2020)
3. Chinese expert in construction of China-supported anti-malaria centers in Republic of Cameroon and Democratic Republic of the Congo (2009.3-2009.6)
4. Team leader of the 18<sup>th</sup> China CDC dispatched group for disease prevention and control in Li County following China Wenchuan earthquake (2008.88-2008.9)
5. Program Officer (2002–2004) and Chief Manager (2005–2008) of China Global Fund Malaria Program Round 1 (2002-2008)

## Academic Participation and Activities

1. Member of the National Technical Committee on Malaria Elimination, National Health Commission of China (2017 to date)
2. Member of the 4<sup>th</sup> Society of Travel Health of Chinese Preventive Medicine Association (2017 to date)
3. Editorial Board member of the 4<sup>th</sup> Editorial Committee of the China Tropical Medicine (2021 to date)

## Research Interest

Studies on malaria epidemiology, surveillance and early warning, and control and elimination, including through the integrated use of epidemiology, geoinformatics, mathematical models, molecular biology and other techniques:

- To conduct quantitative analysis of the characteristics of malaria incidence and the role of natural and social factors;
- To monitor species of *Plasmodium* and sensitivity to antimalarial drugs, to monitor the ecological habits and insecticide resistance of *Anopheles* mosquitoes;
- To make prediction, forecasting and early warning of malaria epidemics and transmission risks;
- To evaluate and optimize strategies and measures for malaria control and elimination; and
- To study their adaptations.

## Projects

As the main personnel, professor Xia has participated in the collaborative project of MoH and the WHO titled "Research on key technologies for malaria elimination in China", the National Science and Technology Major Projects of "Research on surveillance technology of important parasitic diseases", "Research on technology platform for infectious disease surveillance" and "Research on pathogens carried by important vectors", and the China UK Global Health Support Programs.

As a sub-project leader, professor Xia is undertaking the research mission of key discipline "Parasitic Diseases and Vector Control" project supported by the Fifth Round of Three-Year Public Health Action Plan of Shanghai.

Professor Xia has presided over the projects supported by the Asian Collaborative Training Network for Malaria (ACTMalaria), Asian Regional Cooperation Special Fund, and the WHO/TDR.

## Publications

Feng J, Zhang L, Tu H, Zhou SS, **Xia ZG\***. From elimination to post-elimination: Characteristics, challenges and re-transmission preventing strategy of imported malaria in China [J]. *China Tropical Medicine*, 2021, 21 (01): 5-10. (in Chinese)

**Xia ZG**, Xu JF, Zhang SS, Wang RB, Qian YJ, Zhou SS, Yang WZ, Zhou XN.

Determination of key interventions for the transition from control to elimination of malaria in China [J]. *Chin J Schisto Control*, 2014, 26 (6): 598-601. (in Chinese)

**Xia ZG**, Xu M, Zhao JK, Lai SJ, Zhou XN. An overview on cooperation strength between China and the Global Fund to Fight AIDS, Tuberculosis and Malaria in developing multilateral malaria control projects [J]. *Chin J Parasitol Parasit Dis*, 2017, 35 (06): 520-526. (in Chinese)

Huang F, Zhang L, Xue JB, Zhou HN, Thi A, Zhang J, Zhou SS, **Xia ZG\***, From control to elimination: a spatial-temporal analysis of malaria along the China-Myanmar border. *Infect Dis Poverty*. 2020;9(1):158. Published 2020 Nov 19. doi:10.1186/s40249-020-00777-1.

Feng J, Zhou DL, Lin YX, Xiao HH, Yan H, **Xia ZG\***. Amplification of *pfmdr1*, *pfprt*, *pvmr1*, and K13 propeller polymorphisms associated with *Plasmodium falciparum* and *Plasmodium vivax* isolates from the China-Myanmar border. *Antimicrob Agents Chemother*. 2015;59(5):2554-2559. doi:10.1128/AAC.04843-14.

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. *Malar J*. 2013;12:164. Published 2013 May 17. doi:10.1186/1475-2875-12-164.

## Honors and Awards

Xia ZG (6/9); Study on the epidemic characteristics and local transmission risk of imported malaria and its application in prevention and control, China International Exchange and Promotive Association for Medical and Health Care, Huaxia Medical Science and Technology Award, third prize, 2019;

Xia ZG (8/9); Research on the therapeutic efficacy of artemisinin-based antimalarial drugs against falciparum malaria and resistance containment strategies, China International Exchange and Promotive Association for Medical and Health Care, Huaxia Medical Science and Technology Award, third prize, 2017.