

<p>个人简介</p>	
<p>姓名：张仪 性别：女 出生年月：1966.3 学位/学历：医学硕士/研究生 职称：研究员 电子邮件：zhangyi@nipd.chinacdc.cn 办公地址：上海市黄浦区瑞金二路 207 号 办公电话：021-64665048</p>	
<p>教育经历</p>	
<p>1988-1991 中国预防医学科学院 医学硕士</p>	
<p>工作经历</p>	
<p>2020 年 1 月-至今 上海交通大学医学院-国家热带病研究中心全球健康学院 兼职研究员、硕导，上海交通大学公共卫生学院 硕导 1991-至今 中国疾病预防控制中心寄生虫病预防控制所（国家热带病研究中心） 研究员、硕导，其中 1996 美国加利福尼亚大学洛杉矶分校 访问学者 2000-2001 日本顺天堂大学 访问学者 2001-2003 美国明尼苏达大学 特邀研究员 2009.8-2009.11 美国新墨西哥大学 访问学者</p>	
<p>社会/学术任职和活动</p>	
<p>现任中国动物学会、中国海洋与湖沼学会贝类学分会理事、中华预防医学会媒介生物学及控制分会委员会委员、中国实验动物学会媒介实验动物专业委员会常务委员、上海市预防医学会病媒生物预防与控制专委会副主任委员、上海昆虫学会理事、中国地方病协会热带病专业委员会委员。《贝类学论文集》、《中国媒介生物学与控制杂志》、《中国血吸虫病防治杂志》、《中华卫生杀虫药械杂志》、《上海预防医学》、《中国人兽共患病学报》、《中华地方病学杂志》等 7 本专业期刊编委。国家突发公共卫生事件应急专家库专家。 上海市黄浦区第二届人大代表。</p>	
<p>研究方向/主要研究内容</p>	
<p>专业及研究方向：病原生物学、媒介生物学、媒介生物学与控制、医学寄生虫学。 主要从事寄生虫与媒介/中间宿主间相互关系以及寄生虫媒介生物学及防控研究工作。</p>	

科研/教学研究项目

时间：2017-2021 项目名称：我国区域人群气象敏感性疾病科学调查（气象敏感性寄生虫病预测预警和干预技术研究） 项目编号：2017FY101203 项目来源：科技基础资源调查专项

时间：2021-2022 项目名称：上海市第五轮公共卫生体系建设三年行动计划重点学科项目“寄生虫病与病媒控制” 项目编号：GWV-10.1-XK13 项目来源：上海市卫生健康委

主要学术成果

期刊论文

近3年（2019年至今）发表论文40余篇，SCI 20篇。

Fang Yuan, Wenqi Shi, Jiatong Wu, Yuanyuan Li, Jingbo Xue, **Yi Zhang***. Resistance to pyrethroid and organophosphate insecticides, and the geographical distribution and polymorphisms of target-site mutations in voltage-gated sodium channel and acetylcholinesterase 1 genes in *Anopheles sinensis* populations in Shanghai, China. *Parasit Vectors*, 2019, 12:396

Lan-Hua Li, Shan Lv, Ding-qi Bi, Yunhai Guo, Jiatong Wu, Zhi-yuan Yue, Guang-yao Mao, Zhong-xin Guo, **Yi Zhang***, Yun-feng Tang*. Spatial structure of the microbiome in the gut of *Pomacea canaliculata*. *BMC Microbiology* 2019, 19:273

Dejian Sun, Yuan Fang, Yun Huang, **Yi Zhang***. Contributions to the lymphatic filariasis elimination programme and post-elimination surveillance in China by NIPD-CTDR. *Advances in Parasitology* 2020, 110:145-183

Yuan Fang, Ernest Tambo*, Jing-Bo Xue, **Yi Zhang***, Xiao-Nong Zhou and Emad I. M. Khater. Detection of DENV-2 and insect-specific flaviviruses in mosquitoes collected from Jeddah, Saudi Arabia. *Frontiers in Cellular and Infection Microbiology* 2021 Feb 25, 11, article 626368: 1-14


Yuan Fang, Wei Zhang, Jing-Bo Xue and **Yi Zhang***. Monitoring mosquito-borne Arbovirus in various insect regions in China in 2018. *Frontiers in Cellular and Infection Microbiology* 2021 Mar 11, 11, article 640993:1-16

Yuan Fang, Xishang Li, Jing-Bo Xue, Shou-Qin Yin, Sheng-Guo Li, Xin-He Li and **Yi Zhang***. Molecular epidemiology of mosquito-borne viruses at the China-Myanmar border_ discovery of a potential epidemic focus of Japanese encephalitis. *Infectious Diseases of Poverty* 2021, 10:57

Yuan Fang, Tian Hang, Jinbo Xue, Yuanyuan Li, Zixin Wei, Limin Yang, **Yi Zhang***. Diversity, Geography, and host range of emerging mosquito-associated viruses – China, 2010-2020. *China CDC Weekly* 2021, 3(35):746-753

荣誉及奖项

研究相关论文获中国贝类学会优秀论文一等奖；相关成果获上海市科技进步一等奖、中华医学会科技进步二等奖、福建省科技进步二等奖、三等奖。个人获五洲女子科技奖（基础医学科研创新奖）、全国血防卫士、上海市三八红旗手。上海市教卫党委系统优秀共产党员。

<p>Profile</p>	
<p>Name: Zhang Yi Gender: F Date of birth: Mar 27, 1966 Degree: Msc Title: Prof. Email: zhangyi@nipd.chinacdc.cn Address: 207 Ruijin Er Road, Shanghai, China Office Tel: 86-21-64665048</p>	
<p>Education</p>	
<ul style="list-style-type: none"> ● Master of Biological Science, 1991, Department of Medical Parasitology, Institute of Parasitic Diseases, Chinese Academy of Preventive Medicine, 1988/7 – 1991/7 	
<p>Appointments</p>	
<p>1991-present Chief & Professor, Department of Vector-borne Tropical Diseases, National Institute of Parasitic Diseases(NIPD), Chinese Center for Disease Control and Prevention(China CDC), Chinese Center for Tropical Diseases Research, Shanghai, China</p> <p>2019/11-present Adjunct Professor, School of Global Health, Chinese Center for Tropical Diseases Research, Shanghai Jiao Tong University School of Medicine, Shanghai, China</p> <p>2009/8-2009/11 Center for Evolutionary and Theoretical Immunology, Department of Biology, University of New Mexico, USA, Visiting scholar</p> <p>2001 –2003 Department of Entomology, University of Minnesota, USA, Research Specialist</p> <p>2000 – 2001 Department of Parasitology and Cell Biology, School of Medicine, Jundendo University, Tokyo, Japan, Visiting scholar</p> <p>Editorial Board of Chinese Journal of Zoonoses (2016-)</p> <p>Editorial Board of Shanghai Journal of Preventive Medicine (2015-)</p> <p>Editorial Board of Chinese Journal of Schistosomiasis Control (2014-)</p> <p>Editorial Board of Chinese Journal Hygienic Insecticides & Equipments (2011-)</p> <p>Editorial Board of Chinese Journal of Vector Biology and Control (2009-)</p> <p>Editorial Board of Transactions of Chinese Society of Malacology (1995-)</p>	
<p>Academic Participation and Activities</p>	
<p>2018/12-present Board Member, Professional Committee on tropical diseases , China Endemic Diseases Society</p> <p>2016/4-present Vice Chairman, Society of Vector Biology and Control, Shanghai</p>	

Preventive Medicine Association

2012/5-present	Board Member, Society of Vector Laboratory Animal, Chinese Association for Laboratory Animal Sciences
2010/10-present	Board Member, Society of Vector Biology and Control, China Preventive Medicine Association
1995 - present	Board Member, Society of Medical Parasitology, China Preventive Medicine Association
1993 - present	Board Member, Chinese Society of Malacology

Research Interest

Research interests are in understanding host-pathogen interactions focus on intermediates host snail and medical insects and its pathogen, such as *Oncomelania hupensis*-Shistosome, *Pomacea canaliculate*-Angiostrongylus, *Anopheles*-malaria, *Phlebotomus*-Leishmaniasis, tick borne diseases etc. The major goal is to find the markers to control the vector and the infectious diseases it spreads.

Projects

2017-2021 Scientific Investigation on Regional Climate-sensitive Parasitic Diseases in China(No. 2017FY101203), supported by Special Foundation of Basic Science and Technology Resources Survey of Ministry of Science and Technology of China
2021- 2022 the Fifth Round of Three-Year Public Health Action Plan of Shanghai (No. GWV-10.1-XK13) Major “Parasitic diseases and vector control” , supported by Shanghai Municipal Health Commission

Publications

2019- Present , SCI papers published more than 20. Such as (* corresponding author)

Fang Yuan, Wenqi Shi, Jiatong Wu, Yuanyuan Li, Jingbo Xue, **Yi Zhang***. Resistance to pyrethroid and organophosphate insecticides, and the geographical distribution and polymorphisms of target-site mutations in voltage-gated sodium channel and acetylcholinesterase 1 genes in *Anopheles sinensis* populations in Shanghai, China. Parasit Vectors, 2019, 12:396

Lan-Hua Li, Shan Lv, Ding-qi Bi, Yunhai Guo, Jiatong Wu, Zhi-yuan Yue, Guang-yao Mao, Zhong-xin Guo, **Yi Zhang***, Yun-feng Tang*. Spatial structure of the microbiome in the gut of *Pomacea canaliculata* .BMC Microbiology 2019, 19:273

Dejian Sun, Yuan Fang, Yun Huang, **Yi Zhang***. Contributions to the lymphatic filariasis elimination programme and post-elimination surveillance in China by NIPD-CTDR. *Advances in Parasitology* 2020, 110:145-183

Yuan Fang, Ernest Tambo*, Jing-Bo Xue, **Yi Zhang***, Xiao-Nong Zhou and Emad I. M. Khater. Detection of DENV-2 and insect-specific flaviviruses in mosquitoes collected from Jeddah, Saudi Arabia. *Frontiers in Cellular and Infection Microbiology* 2021 Feb 25, 11, article 626368: 1-14

Yuan Fang, Wei Zhang, Jing-Bo Xue and **Yi Zhang***. Monitoring mosquito-borne Arbovirus in various insect regions in China in 2018. *Frontiers in Cellular and Infection Microbiology* 2021 Mar 11, 11, article 640993:1-16

Yuan Fang, Xishang Li, Jing-Bo Xue, Shou-Qin Yin, Sheng-Guo Li, Xin-He Li and **Yi Zhang***. Molecular epidemiology of mosquito-borne viruses at the China-Myanmar border_ discovery of a potential epidemic focus of Japanese encephalitis. *Infectious Diseases of Poverty* 2021, 10:57

Yuan Fang, Tian Hang, Jinbo Xue, Yuanyuan Li, Zixin Wei, Limin Yang, **Yi Zhang***. Diversity, Geography, and host range of emerging mosquito-associated viruses – China, 2010-2020. *China CDC Weekly* 2021, 3(35):746-753

Books since 2017

Zhang Yi. et al Guidelines for laboratory and field testing of molluscicides for control of Schistosomiasis. Geneva: World Health Organization; 2019. Licence: CC BY-NC-SA 3.0 IGO. ISBN 978-92-4-151540-5

Zhang Yi. et al Field use of molluscicides in schistosomiasis control programmes: an operational manual for programme managers. Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO. ISBN 978-92-4-151199-5

Zhang Yi. Etal. *Advances in One Health*. Edited by Zhou Xiaonong, Guo Xiaokui, Xie Qin. Shanghai Jiao Tong University Press 2021, Shanghai: 206-212

Yi Zhang, Dandan Lin, Jun Ge and Shizhu Li. Chapter 3 Biology and control of Oncomelania snail in China. Edited by Zhou Xiaonong. *Tropical diseases in China: Schistosomiasis (Public Health in China Series)* People's Medical Publishing House 2018, Beijing: 70-127

Patents

A set of specific primers for detection of *Angiostrongylus cantonensis* by LAMP, ZL 2010 1 0242235.3 ,2012

Multiplex PCR kit for identification of three common sandflies species in southern Xinjiang, ZL 2014 1 0195768.9,2017

Synthesis, Bioactivity Evaluation of Salicylanilide Ester Derivatives as

Molluscicides against snail, ZL 2013 1 0676706.5, 2018

Honors and Awards

First Prize of publication in Chinese Society of Malacology;
“WUZHOU” Science and Technology Award of China Medical Women's Association, The Research Innovation Award for Preclinical Medicine
The Second Award of Chinese Medical Science and Technology Progress
The Third Award of Fujian Science and Technology Progress Award
The Second Award of Fujian Science and Technology Progress Award
The First Award of Shanghai Science and Technology Progress Award
The Guard for Schistosomiasis Control Award
Shanghai Women Pace-Setter