

CURRICULUM VITAE

A. Personal Information

NAME Zhang yi	POSITION TITLE Professor Chief, Dept of Vector Control National Institute of Parasitic Diseases (IPD) Chinese Center for Disease Control and Prevention (China CDC)
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EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	MM/YY	FIELD OF STUDY
Department of Parasitology and Cell Biology, School of Medicine, Juntendo University, Tokyo, Japan	Training Certificate	02/2001	Molecular Biology
Department of Public Health & Health Economy, University of California, Los Angeles, USA	Training Certificate	01/1996	Public Health & Health Economy
Department of Medical Parasitology, Institute of Parasitic Diseases, Chinese Academy of Preventive Medicine, Shanghai	Master of Medical Science	07/1991	Parasitology
Shanghai Normal University, Shanghai, P.R.China,	Bachelor of Science	07/1988	Biology

B. Positions and Honors

Positions and Employment

- 05/2011- present Chief & Professor, Department of Vector Control, National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention, Shanghai
- 03/2005 – 04/2011 Vice Chief & Professor, Department of Vector Control, National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention, Shanghai
- 08/2009-11/2009 Visiting scholar, Center for Evolutionary and Theoretical Immunology, Department of Biology, University of New Mexico, USA
- 05/2003 – 02/2005 Associate Professor, Department of Malaria, National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention, Shanghai
- 07/2001 – 04/2003 Research Specialist, Postdoctoral, Department of Entomology, University of Minnesota, USA
- 09/2000 – 02/2001 Visiting scholar, Department of Parasitology and Cell Biology, School of Medicine, Juntendo University, Tokyo, Japan
- 06/1996- 06/2001 Researcher Investigator, P.I., Tropical Medicine Research Center (TMRC,NIH,USA), Institute of Parasitic Diseases, Chinese Academy of Preventive Medicine, Shanghai
- 07/1991 – 05/1996 Assistant Professor, Department of Vector Biology and Control, Institute of Parasitic Diseases, Chinese Academy of Preventive Medicine, Shanghai

Memberships

Society Memberships

- 05/2012-present • Board Member, Society of Vector Laboratory Animal, Chinese Association for Laboratory Animal Sciences
- 10/2010-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
 - Board Member, Chinese Society of Malacology
 - Fellow, Chinese Society of Zoology

Editorial Board Member

- 10/2014-present Chinese Journal of Schistosomiasis Control
 01/2011-present Chinese Journal Hygienic Insecticides & Equipments
 07/2009-present Chinese Journal of Vector Biology and Control
 1995 - present Transactions of Chinese Society of Malacology

Honors

- 05/2013 “WUZHOU” Science and Technology Award of China Medical Women's Association
 The Research Innovation Award for Preclinical Medicine
 2011-2012 Shanghai Women Pace-Setter
 12/2010 The Second Award of Chinese Medical Science and Technology Progress
 10/1999 First Prize of publication in Chinese Society of Malacology during 1995-1999
 04/1995 Outstanding Academic Achievement Award, Chinese Academy of Preventive Medicine

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

- 1 Wei Furong, Lv Shan, Liu Hexiang, Hu Ling, **Zhang Yi***. A pooling strategy of a PCR-based assay to detect *Angiostrongylus cantonensis* in snail intermediate host, *Pomacea canaliculata* Front Med China 2010, 4(2) : 204-207
- 2 Zhou Xiaojun, Shi Wenqi, **Zhang Yi***, ... et al. Distribution of *Anopheles minimus* and its role in malaria transmission in the Kachin Region of Myanmar. Journal of Pathogen Biology 2010,5 (8) : 578-580
- 3 Wei Furong, Liu Hexiang, Lv Shan , Hu Ling, **Zhang Yi***. Multiplex PCR assay for the detection of *Angiostrongylus cantonensis* larvae in *Pomacea canaliculata*. Chin J Parasitol Parasit Dis 2010,28(5):355-358
- 4 **Zhang Yi**, Lv Shan. Unscramble “Diagnostic criteria for angiostrongyliasis cantonensis”. China Health Standard Management 2010,1(4):64-65
- 5 Shi Wenqi, Zhou Xiaojun, **Zhang Yi***, etc. Investigation on malaria vectors in western part of China-Myanmar border. Chin J Parasitol Parasit Dis 2011,29(2):134-137
- 6 Gu Dangan, **Zhang Yi***, Lan Qinxian. Analysis of Polymorphism on Ribosomal Internal Transcribed Spacer 2 in Four Species of Sandflies with PCR-RFLP. Chin J Parasitol Parasit Dis 2012,30(2):100-101,108
- 7 Ma Xianliang, **Zhang Yi***. Progress of research on peroxiredoxin in invertebrates. Chin J Schisto Control 2012, 24(3):350-352
- 8 Ma Xianliang, Liu Qin, **Zhang Yi***. Cloning, Expression and Activity Analysis of Full-length Gene Encoding Thioredoxin Peroxidase from *Oncomelania hupensis*. Chin J Parasitol Parasit Dis 2012,30(2): 262-267
- 9 Zhang Zonglu, Guo Yunhai, Luo Taichang, **Zhang Yi***. Research Progress on Peptidoglycan Recognition Proteins of Medical Shells and Molluscs. Chin J Parasitol Parasit Dis 2012,30(2): 312-316
- 10 **Zhang Yi**. Emerging vector-borne diseases and control. Chin J Schisto Control 2012, 24(5): 501-504
- 11 LIU Qin, WEI Fu-rong, ZHU Dan, LAN Qin-xian, SHI Wen-qi, **Zhang Yi***. Investigation of ticks parasitizing on bodies of dogs in Shanghai. Chin J Schisto Control 2012, 24(5): 537-539
- 12 WEI Fu-rong, LAN Qin-xian, ZHU Dan, YE Junhua, LIU Qin, **Zhang Yi***. Investigation on *Babesia* in Ticks Infested on Police Dogs in Selected Areas of China. Chin J Parasitol Parasit Dis 2012,30(5): 390-392
- 13 Lv Shan, **Zhang Yi**, Zhang Ling, Liu Qin, Liu Hexiang, Hu Ling, Wei Furong, Peter Steinmann, Carlos Graeff-Teixeira, Zhou Xiaonong, Jürg Utzinger. Phylogenetic evidence for multiple and secondary introductions of invasive snails: *Pomacea* species in the People's Republic of China. Diversity and Distributions 2012, 1-10. DOI: 10.1111/j.1472- 4642.2012.00924.x. 2013, 19: 147-256

- 14 Gu Wenbiao, **Zhang Yi***, Liu Hexiang, Wu Ying, Zhu Dan, Lv Shan, Xia Shangguang, Wang Longjie. Observation on apoptosis in *Oncomelania hupensis* by TUNEL technique. Chinese J of Zoonoses 2013,29(5):456-459
- 15 **Zhang Yi** , Wu Ying, Gu Wenbiao, Liu Hexiang, Zhu Dan, Lv Shan, Xia Shangguang, Wang Longjie. Effect of leaves extracts of *Melia azedarach* on apoptosis and nitric oxide synthase of *Oncomelania hupensis*. Chinese J of Zoonoses 2013,29(8):771-774
- 16 Jiang Ming, **Zhang Yi***. Research progress on human babesiosis. Int J Med Parasit Dis 2014,41(2):94-98,104
- 17 Lv Shan, **Zhang Yi**, Guo Yunhai, Liu Hexiang, Zhou Zhengbin, Jiang Ming, Gu Wenbiao. Comparative analysis of mitochondrial genomes of *Angiostrongylus cantonensis*. Chin J Schisto Control 2014,26(2):175-179
- 18 Zhou Zhengbin, **Zhang Yi***, Zhu Huaimin, Shi Wenqi, Jin Changfa, Wei Furong, Lan Qinxian. Typing 6 common sandflies species from endemic areas of leishmaniasis in China by PCR-RFLP method. Chinese J of Zoonoses 2014,30(5):448-451
- 19 Jiang Ming, **Zhang Yi***, Lv Shan, Zhu Dan, Zhou Zhengbin, Wei Furong, Shi Wenqi, Lan Qinxian. Epidemiology investigation of babesiosis in dogs in Guangxi Zhuang Autonomous region. Int J Med Parasit Dis 2014,41(3):129-132
- 20 **Zhang Yi**, Xiao Fangzhen, Deng Yanqin, He Si, Xie Hanguo, Zhou Xiaonong, Yan Yansheng. The effect of temperature on the extrinsic incubation period and infection rate of dengue virus serotype 2 infection in *Aedes albopictus*. Arch Virol 2014, 159 (11) : 3053-3057
- 21 Zhou Zhengbin, **Zhang Yi***, Zhu Huaimin, Shi Wenqi, Jin Changfa. Identification of three common sandflies in Southern Xinjiang with multiplex PCR. Chin J Parasitol Parasit Dis 2014,32(3):185-187
- 22 Zhou Zhengbin, **Zhang Yi***, Lv Shan, Shi Wenqi, Jin Changfa, Zhu Huaimin. Species identification of partial sandflies from China with DNA barcoding. Chinese J of Zoonoses 2014,30(12): 1209-1213
- 23 Guo Yunhai, Lv Shan, Gu Wenbiao, Liu Hexiang, Wu Ying, **Zhang Yi***. Investigation on the species distribution and infection status of host snails of *Angiostrongylus cantonensis* in Shanghai. Chin J Parasitol Parasit Dis 2014,32(6):455-458

Monograph:

- 1 **Zhang Yi** . major translation(English to Chinese). *Dengue: Guidelines for diagnosis treatment, prevention and control*. A joint publication of the World Health Organization (WHO) and the Special Programme for Research and Training in Tropical Diseases (TDR). Shanghai Scientific and Technical Publishers May 2010, Shanghai:1-173
- 2 **Zhang Yi**, Lv Shan, Lin Jinxiang, Yin Chenghong, Wang Xiaotong, Guan Yayi, Zhou Xiaonong. Diagnostic criteria for angiostrongyliasis cantonensis WS 321-2010. Standards Press of China Oct 2010, Beijing:1-12
- 3 **Zhang Yi**, Lv Shan. Angiostrongyliasis cantonensis. Editors Wen Liyong, Pediatric Parasitology. People's publishing house Press 2010 July, Beijing:163-172
- 4 **Zhang Yi**. Gymnophaloides. Editors Wen Liyong, Pediatric Parasitology. People's publishing house Press 2010 July, Beijing: 172-174
- 5 **Zhang Yi**. Dracunculiasis. Editors Wen Liyong, Pediatric Parasitology. People's publishing house Press 2010 July, Beijing: 174-178
- 6 **Zhang Yi**. Achillrbainiasis. Editors Wen Liyong, Pediatric Parasitology. People's publishing house Press 2010 July, Beijing: 178-179
- 7 Potential transmission risk and control of parasitic diseases in the international urban mass gathering. Editors Zhou Xiaonong. editorial committee. Shanghai Scientific and Technical Publishers April 2010, Shanghai:1-180

- 8 **Zhang Yi**, Jin Changfa. Leishmaniasis. *Vector-borne Parasitic Diseases*. Editors Wang Shanqing, Vice subeditors Zhu Huaimin, Zhou Shuiseng and **Zhang Yi**. Parasitic Disease Prevention and Control for Primary Health Care Series monograph Vol 5. Editor in Chief Zhou Xiaonong. People's publishing house Press 2011 March, Beijing: 44-59
- 9 **Zhang Yi**, Cao Zhiguo, Wang Tianping. Gongylonemiasis. *Vector-borne Parasitic Diseases*. Editors Wang Shanqing, Vice subeditors Zhu Huaimin, Zhou Shuiseng and **Zhang Yi**. Parasitic Disease Prevention and Control for Primary Health Care Series monograph Vol 5. Editor in Chief Zhou Xiaonong. People's publishing house Press 2011 March, Beijing: 84-89
- 10 **Zhang Yi**. Dracunculiasis. *Vector-borne Parasitic Diseases*. Editors Wang Shanqing, Vice subeditors Zhu Huaimin, Zhou Shuiseng and **Zhang Yi**. Parasitic Disease Prevention and Control for Primary Health Care Series monograph Vol 5. Editor in Chief Zhou Xiaonong. People's publishing house Press 2011 March, Beijing: 90-98
- 11 **Zhang Yi**, Wei Furong, Liu Qin. Control and Research on Molluscs host. *Parasitic Disease Control and Research in China*. Editors Tang Linhua, Xu Longqi, Chen Yingdan. Beijing Scientific and Technical Publishers Jan 2012, Beijing: 828-834
- 12 **Zhang Yi**, Chen Cuie. Medical Molluscs. *Human Parasitology-Fourth Edition*. Editors Wu Guanling. People's publishing house Press July 2013, Beijing: 422-436