

个人简介		
姓名：陈军虎 性别：男 出生年月：1978.09 学位/学历：医学博士 职称：研究员 电子邮件：chenjh@nipd.chinacdc.cn 办公地址：上海市黄浦区瑞金二路 207 号 办公电话：021-64377008-2411		
教育经历		
1996 年 9 月至 2001 年 6 月 华中科技大学同济医学院预防医学本科学习 2003 年 9 月至 2006 年 6 月 浙江省医学科学院病原生物学硕士 2007 年 3 月至 2010 年 2 月 韩国江原大学寄生虫学博士 2010 年 5 月至 2012 年 3 月 中国疾病预防控制中心寄生虫病预防控制所寄生虫学博士后		
工作经历		
2001 年 7 月至 2006 年 6 月 浙江省医学科学院寄生虫学研究实习员 2006 年 7 月至 2010 年 3 月 浙江省医学科学院寄生虫学助理研究员 2011 年 7 月至 2016 年 6 月 中国疾病预防控制中心寄生虫病预防控制所病原生物学副研究员（其间：2011 年 11 月为寄生虫病原与媒介生物学重点实验室副主任） 2016 年 7 月至今 中国疾病预防控制中心寄生虫病预防控制所病原生物学研究员（（其间：2016 年 12 月为寄生虫病原与媒介生物学重点实验室主任，2020 年 6 月为所长助理）		
社会/学术任职和活动		
担任 Frontiers in Immunology、Frontiers in Genetics、《中国寄生虫学与寄生虫病杂志》、《中华地方病学杂志》和《中国血吸虫病防治杂志》编委，是 PLOS Neglected Tropical Diseases、Frontiers in Microbiology 等国际刊物的审稿专家。		
研究方向/主要研究内容		
研究方向：重要媒传寄生虫感染与宿主免疫、种群遗传、诊断、疫苗研究 主要从事血吸虫病、疟疾等重要媒传寄生虫病的流行病学、分子生物学、病原生物学、组学等相关研究。		
科研/教学研究项目		

时间：2020.01-2021.12，项目名称：GWAS 解析南非疟疾的关键致病基因以及宿主适应过程

项目编号：2018YFE0121600，项目来源：国家重点研发计划

时间：2018.10-2022.09，项目名称：疟疾消除阶段病例溯源的新技术研究

项目编号：KW-201875135，项目来源：上海市国际科技合作基金项目

主要学术成果

期刊论文

1. Wu QF, Wang WS, Chen SB, Xu B, Li YD* **Chen JH***. Crystal Structure of Inorganic Pyrophosphatase From *Schistosoma japonicum* Reveals the Mechanism of Chemicals and Substrate Inhibition. **Front Cell Dev Biol.** 2021;9:712328.
2. Kassegne K, Zhou XN, **Chen JH***. Editorial: Vectors and Vector-Borne Parasitic Diseases: Infection, Immunity, and Evolution. **Front Immunol.** 2021;12:729415.
3. **Chen JH**, Fen J, Zhou XN*. From 30 million to zero malaria cases in China: lessons learned for China-Africa collaboration in malaria elimination. **Infect Dis Poverty.** 2021;10(1):51.
4. Shi SM, Shi TQ, Chen SB, Cui YB, Kassegne K, Okpeku M, **Chen JH***, Shen HM*. Genome-Wide Scans for Ghanaian *Plasmodium falciparum* Genes Under Selection From Local and Chinese Host Populations. **Front Cell Infect Microbiol.** 2021;11:630797.
5. Kassegne K*, Komi KK, Shen HM, Chen SB, Fu HT, Chen YQ, Zhou XN, **Chen JH***, Cheng Y*. Genome-wide analysis of the malaria parasite *Plasmodium falciparum* isolates from Togo reveals selective signals in immune selection-related antigen genes. **Front Immunol.** 2020;11:552698.
6. Murhandarwati EE, Herningtyas EH, Puspawati P, Mau F, Chen SB, Shen HM, **Chen JH***. Genetic diversity of Merozoite Surface Protein 1-42 (MSP1-42) fragment of *Plasmodium vivax* from Indonesian isolates: rationale implementation of candidate MSP1 vaccine. **Infect Genet Evol.** 2020;85, 104573.
7. Quan H, Igbasi U, Oyibo W, Omilabu S, Chen SB, Shen HM, Okolie C, **Chen JH***, Zhou XN. High multiple mutations of *Plasmodium falciparum*-resistant genotypes to sulphadoxine-pyrimethamine in Lagos, Nigeria. **Infect Dis Poverty.** 2020;9(1):91.
8. Ma X, Zhu M, Liu J, Li X, Qu L, Liang L, Huang W, Wang J, Li N, **Chen JH***,

- Zhang W*, Yu Z*. Interactions between PHD3-Bromo of MLL1 and H3K4me3 Revealed by Single-Molecule Magnetic Tweezers in a Parallel DNA Circuit. *Bioconjug Chem*. 2019, 30, 12, 2998-3006.
9. Kassegne K, Abe EM, Cui YB, Chen SB, Xu B, Deng WP, Shen HM, Wang Y*, **Chen JH***, Zhou XN. Contribution of *Plasmodium* immunomics: potential impact for serological testing and surveillance of malaria. *Expert Rev Proteomics*. 2019, 16:117-129.
 10. Shen HM, Chen SB, Cui YB, Xu B, Kassegne K, Abe EM, Wang Y*, **Chen JH***. Whole-genome sequencing and analysis of *Plasmodium falciparum* isolates from China-Myanmar border area. *Infect Dis Poverty*. 2018, 7:118.
 11. Zhou X, Huang JL, Shen HM, Xu B, **Chen JH***, Zhou XN. Immunomics analysis of *Babesia microti* protein markers by high-throughput screening assay. *Ticks Tick Borne Dis*. 2018, 9:1468-1474.
 12. Zhou X, Tambo E, Su J, Fang Q, Ruan W, **Chen JH***, Ying MB*, Zhou XN*. Genetic diversity and natural selection in the 42 kDa region of *Plasmodium vivax* merozoite surface protein-1 from inland China and China-Myanmar endemic borders. *Korean J Parasitol*. 2017, 55:473-480.
 13. Kassegne K, Zhang T, Chen SB, Xu B, Dang ZS, Deng WP, Abe EM, Shen HM, Hu W, Guyo TG, Nwaka S, **Chen JH***, Zhou XN*. Study Roadmap for High-throughput Development of Easy to Use and Affordable Biomarkers as Diagnostics for Tropical Diseases. *Infect Dis Poverty*. 2017, 6:130.
 14. Shen HM, Chen SB, Wang Y, Xu B, Abe E, **Chen JH***. Genome-wide scans for the identification of *Plasmodium vivax* genes under selection. *Malaria J*. 2017, 16:238.
 15. Chen SB[#], Wang Y[#], Kassegne K, Xu B, Shen HM*, **Chen JH***. Whole-genome sequencing of a *Plasmodium vivax* clinical isolate exhibits geographical characteristics and high genetic variation in China-Myanmar border area. *BMC Genomics*. 2017, 18:131.
 16. Kassegne K, Abe EM, **Chen JH***, Zhou XN*. Immunomic approaches for antigen discovery of human parasites. *Expert Rev Proteomics*. 2016, 13(12):1091-1101.
 17. Chen SB, Ai L, Hu W, Xu J, Bergquist R, Qin ZQ*, **Chen JH***. New Anti-*Schistosoma* Approaches in the People's Republic of China: Development of

Diagnostics, Vaccines and Other New Techniques Belonging to the ‘Omics’ Group. *Adv Parasitol.* 2016, 92: 385-408.

荣誉及奖项

2016 年上海市科学技术进步奖二等奖

2018 年中华医学科技奖二等奖

Profile	
Name: Junhu Chen Gender: Male Date of birth: Sep. 18, 1978 Degree: Ph.D Title: Professor Email: chenjh@nipd.chinacdc.cn Address: 207 Ruijin Er Road, Shanghai, China Office Tel: 021-64377008-2411	
Education	1996/09 — 2001/06, Bachelor Degree major in Preventive Medicine, Huazhong University of Science and Technology Tongji Medical College 2003/09 — 2006/06, Master Degree major in Pathogenic Biology, Zhejiang Academy of Medical Sciences 2007/03 — 2010/02, Ph.D Degree major in Parasitology, Kangwon National University, South Korea 2010/05 — 2012/03, Postdoctoral training, National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention
Appointments	2001/07 — 2006/06, Research Assistant focus on Parasitology, Zhejiang Academy of Medical Sciences 2006/07 — 2010/03, Assistant Professor focus on Parasitology, Zhejiang Academy of Medical Sciences 2011/07 — 2016/06, Associate Professor focus on Pathogenic Biology, National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention (2011/11 — 2016/11, Vice Chief of the Key Laboratory of Parasite and Vector Biology of NIPD, China CDC) 2016/07 — Present, Professor focus on Pathogenic Biology, National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention (2016/12 — Present, Chief of the Key Laboratory of Parasite and Vector Biology of NIPD, China CDC; 2020/06 — Present, Director Assistant, NIPD, China CDC)
Academic Participation and Activities	He is the editorial board member of Frontiers in Immunology, Frontiers In genetics, Chinese Journal of Parasitology and Parasitic Diseases, Chinese Journal of Endemiology and Chinese Journal of Schistosomiasis Control. He is also the peer reviewer of international journals such as PLoS Nested Tropical Diseases and Frontiers in Microbiology.

Research Interest

Major and research interest: important vector borne parasite infection and host immunity, population genetics, diagnosis and vaccine discovery

He is mainly engaged in the epidemiology, molecular biology, pathogenic biology and omics of schistosomiasis, malaria and other important vector borne parasitic diseases

Projects

2020/01-2021/12, Genome Wide Association Scan of malaria parasite genes and host-parasite interaction in malaria endemic provinces of South Africa, Grant No. 2018YFE0121600, supported by the National Research and Development Plan of China

2018/10-2022/09, Innovative technology for tracing the origin of *Plasmodium* parasites at the stage of malaria elimination, Grant No. 18490741100, supported by Project of Shanghai Science and Technology Commission

Publications

1. Wu QF, Wang WS, Chen SB, Xu B, Li YD* **Chen JH***. Crystal Structure of Inorganic Pyrophosphatase From *Schistosoma japonicum* Reveals the Mechanism of Chemicals and Substrate Inhibition. **Front Cell Dev Biol.** 2021;9:712328.
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6. Murhandarwati EE, Herningtyas EH, Puspawati P, Mau F, Chen SB, Shen HM, **Chen JH***. Genetic diversity of Merozoite Surface Protein 1-42 (MSP1-42) fragment of *Plasmodium vivax* from Indonesian isolates: rationale implementation of candidate MSP1 vaccine. *Infect Genet Evol.* 2020;85, 104573.
 7. Quan H, Igbasi U, Oyibo W, Omilabu S, Chen SB, Shen HM, Okolie C, **Chen JH***, Zhou XN. High multiple mutations of *Plasmodium falciparum*-resistant genotypes to sulphadoxine-pyrimethamine in Lagos, Nigeria. *Infect Dis Poverty.* 2020;9(1):91.
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 13. Kassegne K, Zhang T, Chen SB, Xu B, Dang ZS, Deng WP, Abe EM, Shen HM, Hu W, Guyo TG, Nwaka S, **Chen JH***, Zhou XN*. Study Roadmap for High-throughput Development of Easy to Use and Affordable Biomarkers as Diagnostics for Tropical Diseases. *Infect Dis Poverty.* 2017, 6:130.

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Books

Contributor of Tropical Diseases in China: Neglected Tropical Diseases and Malaria, People's Medical Publishing House, 2019

Patents

Junhu Chen et al., Recombinant antigen protein of Plasmodium vivax Pvmsp1, preparation method and application. Patent No.: ZL 201310545600.1

Junhu Chen et al., Primer and method for identifying Pfmspdbl2 gene polymorphism of Plasmodium falciparum. Patent No.: ZL 201611196328.0

Honors and Awards

The second prize of 2016 Shanghai Science and Technology Progress Award

The second prize of Chinese medical science and Technology Award in 2018