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| **个人简介** | **微信图片_20240605122402-S**xx (160)xx (160) |
| **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** |
| **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-2024年3月为寄生虫病原与媒介生物学重点实验室****主任，2020年6月-2025年3月为所长助理，****2023年8月- 2025年3月，海南热带病研究中心（****国家热带病研究中心海南分中心）副主任，2024年3月-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）媒传热带病室主任）** |
| **社会/学术任职和活动** |
| **担任中国地方病协会热带病专业委员会第五届委员。****担任Frontiers in Microbiology副主编、****Molecular and Biochemical Parasitology 、****Tropical Medicine and Infectious Disease、《中国寄生虫学与寄生虫病杂志》和《中华地方病学杂志》编委。** |
| **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****主要从事黑热病、疟疾、血吸虫病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** |
| 1. **2025.01-2027.12，项目名称：蚊和蜱等媒介生物携带病原体及相关地理环境与生境特征研究调查，项目编号：****2024FY100903， 项目来源：科技部科技基础资源调查专项**
2. **2024.10-2027.09，项目名称：**转录因子AP2-HC调控恶性疟原虫免疫逃避关键因子RIFIN表达及机制的研究**，项目编号：24ZR1473200， 项目来源：上海市自然科学基金面上项目**
3. **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：科技部国家重点研发计划**
4. **4. 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. Luo F, Jiang D, Xu JR, Tan Y, Yang MP, Xie J, Yang SP, Shen HM\*, Zhou S\*, **Chen JH\***. Genomic investigation of a non-travel *Plasmodium falciparum* case linked to imported malaria in China's post-elimination era. ***Malar J***. 2025 Jul 11;24(1):225.
2. Zhan XJ, Chen SB, Wang TY, Duan YW, Shen HM\*, **Chen JH\***, Xie JJ\*. Comprehensive genomic study of *Plasmodium falciparum* in Sierra leone: genetic variation and resistance patterns. ***BMC Genomics***. 2025 Jul 1;26(1):584.
3. Zhu YS, Sun ZS, Zheng JX, Zhang SX, Yin JX, Zhao HQ, Shen HM, Baneth G, **Chen JH**\*, Kassegne K\*. Prevalence and attributable health burdens of vector-borne parasitic infectious diseases of poverty, 1990-2021: findings from the Global Burden of Disease Study 2021. ***Infect Dis Poverty***. 2024 Dec 11;13(1):96. doi: 10.1186/s40249-024-01260-x.
4. Sun ZS, Wan EY, Agbana YL, Zhao HQ, Yin JX, Jiang TG, Li Q, Fei SW, Wu LB, Li XC, Zhang QY, Liu JS, Gu SY, Guo ZY, Xue JB, Han LF, Zhang XX, Xia S, Welburn SC, Okpeku M, Guo XK, Wang ZJ, **Chen JH\***, Zhang Y\*, Zhou XN\*, Kassegne K\*. Global One Health index for zoonoses: A performance assessment in 160 countries and territories. ***iScience***. 2024 Mar 11;27(4):109297.
5. Zhou X, Zhang Q, **Chen JH\***, Dai JF\*, Kassegne K\*. Revisiting the antigen markers of vector-borne parasitic diseases identified by immunomics: identification and application to disease control. ***Expert Rev Proteomics***. 2024 Apr;21(4):205-216.
6. Wang T, Shen H, Xu B, Yang W, Chen S**\***, **Chen J\***. Genome Analysis of *Plasmodium falciparum*: A Preliminary Observation - Sierra Leone, 2022-2023. ***China CDC Wkly***. 2024 Apr 26;6(17):368-373. doi: 10.46234/ccdcw2024.071.
7. Zhang M, Wang Y, Shen HM, Chen SB, Wang TY, Kassegne K, **Chen JH\***. Genetic Diversity and Natural Selection of *Plasmodium vivax* Merozoite Surface Protein 8 in Global Populations. ***Infect Genet Evol***. 2024 Aug:122:105605. doi: 10.1016/j.meegid.2024.105605.
8. Xiu L\*, Li H, Hu Q, Zhang Y, Chen SB, Wang C, Zhou XN, **Chen JH**\*, Yin K\*. A versatile Microfluidic Platform for Malaria Infection Screening and *Plasmodium* Species Genotyping. ***EBioMedicine***. 2023 Dec:98:104898.
9. Xu SJ, Shen HM, Cui YB, Chen SB, Xu B, **Chen JH**\*. Genetic diversity and natural selection of rif gene (PF3D7\_1254800) in the *Plasmodium falciparum* global populations. ***Mol Biochem Parasitol***. 2023 Jun:254:111558.
10. **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 Apr 20;10(1):51.
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| **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****2020年中共湖北省委、湖北省人民政府颁发的“新时代最美逆行者”荣誉称号** |

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| **Profile** | **微信图片_20240605122402-S** |
| **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** |
| **Education** |
| 1996/09－2001/06, Bachelor Degree, Huazhong University of Science and Technology Tongji Medical College2003/09－2006/06, Master Degree, Zhejiang Academy of Medical Sciences2007/03－2010/02, Ph.D. Degree, Kangwon National University, South Korea2010/05－2012/03, Postdoctoral training, National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention |
| **Appointments** |
| 2001/07-2006/06, Research Assistant, Zhejiang Academy of Medical Sciences2006/07-2010/03, Assistant Professor, Zhejiang Academy of Medical Sciences2011/07-2016/06, Associate Professor, National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention (NIPD, China CDC) (2011/11－2016/11, Vice Chief of the Key Laboratory of Parasite and Vector Biology of NIPD, China CDC)2016/07-Present, Professor, National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention (Chinese Center for Tropical Diseases Research) (2016/12-2024/03, Chief of the Key Laboratory of Parasite and Vector Biology of NIPD, China CDC; 2020/06-2025/03, Director Assistant, NIPD, China CDC; 2023/08 - 2025/03, Hainan Tropical Disease Research Center (Sub-center of Chinese Center for Tropical Diseases Research); 2024/03-Present, Chief of Department of Vector-Borne Tropical Diseases at (NIPD, China CDC). |
| **Academic Participation and Activities** |
| He is Member of the 5th Committee of the Tropical Diseases Specialty of the Chinese Association of Endemic Diseases, and the editorial board member of Frontiers in Immunology, Molecular and Biochemical Parasitology, Tropical Medicine and Infectious Disease, Chinese Journal of Parasitology and Parasitic Diseases, Chinese Journal of Endemiology. |
| **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** |
| 1. 2025/01-2027/12, Research and investigation on the pathogens carried by vector organisms such as mosquitoes and ticks, as well as related geographical and habitat characteristics, Grant No. 2024FY100903, supported by the Special project for surveying basic resources of science and technology from the Ministry of Science and Technology of the People´s Republic of China
2. 2024/10-2027/09, Study on the regulation of RIFIN expression and mechanism by transcription factor AP2-HC in Plasmodium falciparum immune evasion, Grant No. 24ZR1473200, supported by the General Project of Shanghai Natural Science Foundation
3. 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 from the Ministry of Science and Technology of the People´s Republic of China
4. 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. Luo F, Jiang D, Xu JR, Tan Y, Yang MP, Xie J, Yang SP, Shen HM\*, Zhou S\*, **Chen JH\***. Genomic investigation of a non-travel *Plasmodium falciparum* case linked to imported malaria in China's post-elimination era. ***Malar J***. 2025 Jul 11;24(1):225.
2. Zhan XJ, Chen SB, Wang TY, Duan YW, Shen HM\*, **Chen JH\***, Xie JJ\*. Comprehensive genomic study of *Plasmodium falciparum* in Sierra leone: genetic variation and resistance patterns. ***BMC Genomics***. 2025 Jul 1;26(1):584.
3. Zhu YS, Sun ZS, Zheng JX, Zhang SX, Yin JX, Zhao HQ, Shen HM, Baneth G, **Chen JH**\*, Kassegne K\*. Prevalence and attributable health burdens of vector-borne parasitic infectious diseases of poverty, 1990-2021: findings from the Global Burden of Disease Study 2021. ***Infect Dis Poverty***. 2024 Dec 11;13(1):96. doi: 10.1186/s40249-024-01260-x.
4. Sun ZS, Wan EY, Agbana YL, Zhao HQ, Yin JX, Jiang TG, Li Q, Fei SW, Wu LB, Li XC, Zhang QY, Liu JS, Gu SY, Guo ZY, Xue JB, Han LF, Zhang XX, Xia S, Welburn SC, Okpeku M, Guo XK, Wang ZJ, **Chen JH\***, Zhang Y\*, Zhou XN\*, Kassegne K\*. Global One Health index for zoonoses: A performance assessment in 160 countries and territories. ***iScience***. 2024 Mar 11;27(4):109297.
5. Zhou X, Zhang Q, **Chen JH\***, Dai JF\*, Kassegne K\*. Revisiting the antigen markers of vector-borne parasitic diseases identified by immunomics: identification and application to disease control. ***Expert Rev Proteomics***. 2024 Apr;21(4):205-216.
6. Wang T, Shen H, Xu B, Yang W, Chen S**\***, **Chen J\***. Genome Analysis of *Plasmodium falciparum*: A Preliminary Observation - Sierra Leone, 2022-2023. ***China CDC Wkly***. 2024 Apr 26;6(17):368-373. doi: 10.46234/ccdcw2024.071.
7. Zhang M, Wang Y, Shen HM, Chen SB, Wang TY, Kassegne K, **Chen JH\***. Genetic Diversity and Natural Selection of *Plasmodium vivax* Merozoite Surface Protein 8 in Global Populations. ***Infect Genet Evol***. 2024 Aug:122:105605. doi: 10.1016/j.meegid.2024.105605.
8. Xiu L\*, Li H, Hu Q, Zhang Y, Chen SB, Wang C, Zhou XN, **Chen JH**\*, Yin K\*. A versatile Microfluidic Platform for Malaria Infection Screening and *Plasmodium* Species Genotyping. ***EBioMedicine***. 2023 Dec:98:104898.
9. Xu SJ, Shen HM, Cui YB, Chen SB, Xu B, **Chen JH**\*. Genetic diversity and natural selection of rif gene (PF3D7\_1254800) in the *Plasmodium falciparum* global populations. ***Mol Biochem Parasitol***. 2023 Jun:254:111558.
10. **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 Apr 20;10(1):51.
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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., A *Plasmodium falciparum* RIFIN polypeptide 8-RIFIN, its derivatives, and applications, Patent No.: ZL202210728224.9**Junhu Chen** et al., Primer and method for identifying Pfmspdbl2 gene polymorphism of *Plasmodium falciparum*. Patent No.: ZL 201611196328.0**Junhu Chen** et al., Recombinant antigen protein of *Plasmodium vivax* Pvmsp1, preparation method and application. Patent No.: ZL 201310545600.1  |
| **Honors and Awards** |
| The second prize of 2016 Shanghai Science and Technology Progress AwardThe second prize of 2018 Chinese medical science and Technology AwardThe honorary title of "The Most Beautiful Inverser in the New Era" awarded by the CPC Hubei Provincial Committee and the Hubei Provincial People's Government in 2020 |