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| **个人简介** |  |
| **姓名：李石柱**  **性别: 男**  **出生年月：1976.12**  **学位/学历：博士/研究生**  **职称：研究员**  **电子邮件：lisz@chinacdc.cn**  **办公地址：上海市黄浦区瑞金二路207号** |
| **教育经历** | |
| 2006-9至2009-7, 中国疾病预防控制中心, 流行病与卫生统计学, 博士, 导师: 周晓农  2000-9至2003-7, 陕西师范大学/第二军医大学, 媒介生物学, 硕士, 导师: 郑哲民/马雅军  1996-9至2000-7, 淮北师范大学, 动物科学, 学士 | |
| **工作经历** | |
| 2003年7月至今，中国疾病预防控制中心寄生虫病预防控制所工作，其中：  2004年3月-10月，卫生部疾病控制司血防处 借调  2011年7月－10月，WHO西太区工作借调（菲律宾）  2013年7月-2014年3月，英国自然历史博物馆访问学者（伦敦）  2011年起，担任所学术委员会委员，原卫生部疾控专家委员会血寄分委会 秘书；  2014年5月至2020年9月，任中国疾病预防控制中心寄生虫病预防控制所 党委委员，副所长；  2020年9月至2023年10月，任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）党委委员、副所长、纪委副书记。  2023年10月起，任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）党委委员、所长 | |
| **社会/学术任职和活动** | |
| * 中华预防医学会医学寄生虫分会副主任委员 * 中国地方病协会热带病专委会主任委员 * 《中国寄生虫学与寄生虫病杂志》副主编 * 《中国血吸虫病防治杂志》副主编 * 《寄生虫病与热带病杂志》副主编 * 《寄生虫病与感染性疾病杂志》副主编 * 《河南预防医学》副主编 * 《Tropical Medicine and Infectious Disease》、《中国病原生物学杂志》等杂志编委 | |
| **研究方向/主要研究内容** | |
| 研究方向：  从事热带病时空分布预测技术、病原体与媒介生态检测、监测和控制的研究，构建了多种媒传疾病的生态模型以及监测预警技术  **主要研究内容：**  血吸虫病、黑热病等媒传热带病、土源食源寄生虫病现场防治研究；  空间流行病学、信息化与监测预警技术研究；  群体遗传学、分子流行病学 | |
| **科研/教学研究项目** | |
| * 亚合资金/APEC基金项目，澜湄区域热带病防治联合实验室建设项目 在研，127万元/年； * 国家重点研发专项（2024YFC2310902）非洲疟疾与血吸虫病防控策略与技术研究 在研 153万元； * 国家自然科学基金项目（82473688）我国犬源型内脏利什曼病疫情回升和扩散的传播动力学及干预模式实证研究，在研，49万元； * 国家自然科学基金项目（32161143036）埃及新发蚊媒传染病传播风险、杀虫剂抗性水平与相关机制研究，在研，200万元； * 重点研发专项（2021YFC2300800）重要威胁人类寄生虫感染致病机制和防控干预技术研究子任务 在研，78万元； * 世界卫生组织课题，白蛉耐药性不同杀虫剂浓度差异性研究（2020/1020294-0），结题，23万元； * 传染病重大专项，非洲疟疾、血吸虫病等重要寄生虫病流行病学研究（2016ZX10004222-004），结题，173万元 * 传染病重大专项，我国重要寄生虫病监测与检测研究子课题，结题，100万元 * 主持省部级以上人才项目：国家疾控局公共卫生人才项目、上海市东方英才拔尖项目 | |
| **主要学术成果** | |
| **期刊论文 (近三年)**   * Zheng JX, Liu Y, Guan SY, Guo ZY, Duan L, Lv S, Zhang SX, Li SZ, Zhou XN, Feng XY. Global, regional, and national burden of neglected tropical diseases and malaria in the general population, 1990-2021: Systematic analysis of the global burden of disease study 2021. J Adv Res. 2025 Apr 5:S2090-1232(25)00223-1. * Liu Q, Chen MX, Cai YC, Li YY, Wang ZY, Guo YH, Hao YW, Xue JB, Jing YD, Wei FN, Wang YB, Li YJ, Wang HF, Sun JL, Wang YL, Wang G, Wang N, Guo NL, Fang JC, Chen WX, Zhou XM, Yu Y, Zhang Y, Chen JH, Wang Q, Li SZ, Yan G, Li Q. *Trypanosoma dionisii* in China: ecology and tentative epidemiology. Infect Dis Poverty. 2025 Jul 7;14(1):61. * Lu, Y., Wang, W., Yu, L. *et al.* Unveiling phosphofructokinase as the key target: an innovative strategy combining pull-down assays with optical imaging for snail-killing mechanism exploration.  Sci. China Chem. 2025 68, 3191–3199. * Shang J, Xu L, Zhong B, Wu Z, Chen L, Meng X, Wan J, Zhang Y, Pu C, Qian P, Li S, Liu Y. Genetic diversity and population structure of *Oncomelania hupensis* in Sichuan Province, China: implications for schistosomiasis control. Int J Parasitol. 2025 Apr;55(5):225-238. * Gong Y, Zhang S, Lin D, Cai Y, Lv S, Zheng M, Hu B, Lei X, Xu N, Wang J, Huang J, Zhou Y, Zhu L, Chen Y, Jiang Q, Li S, Zhou Y. Decoding the impact of environmental shifts on snail density dynamics in the Yangtze River basin: a 26-year study. Parasit Vectors. 2025 Apr 26;18(1):156. * Zheng J, Zhang D, Zhang S, Chen M, Guo Z, Guan S, Liu Y, Bergquist R, Li S, Zhou X, Feng X. Global burden of malaria and neglected tropical diseases in children and adolescents, 1990-2019: a population-based, cross-sectional study. J R Soc Med. 2025 Mar;118(3):82-96. * Luo Z, Wang F, Guo Z, Huang L, Qian P, Wang W, Li SZ\* et al. (2024) Re-emergence and influencing factors of mountain-type zoonotic visceral leishmaniasis in the extension region of Loess Plateau, China. PLoS Negl Trop Dis 18(5):e0012182. * Chen, S.; Fang, Y.; Fujita, R.; Khater, E.I.M.; Li, Y.; Wang, W.; Qian, P.; Huang, L.; Guo, Z.; Zhang, Y.; Li SZ\*; et al. An Exploration of the Viral Coverage of Mosquito Viromes Using Meta-Viromic Sequencing: A Systematic Review and Meta-Analysis. Microorganisms 2024, 12, 1899. * Nannan Xu, Xiaoai Zhang, Hui Liu, …,Shizhu Li\*, Gang Wang\*, Qin Liu\*, Wei Liu\*; Clinical and epidemiological investigation of human infection with zoonotic parasite Trypanosoma dionisii in China; Journal of Infection 89 (2024) 106290. * Guo Z, Zhao M, Liu Z, Zheng J, Gong Y, Huang L, Li SZ\* et al. (2024) Feasibility of ultrasound radiomics based models for classification of liver fibrosis due to Schistosoma japonicum infection. PLoS Negl Trop Dis 18(6): e0012235. * Feng J, Guo Z, Qian P, Wang W, Hu H, Zhang X, et al. (2023) Field validation of different intervention modes for the potential transmission risk of schistosomiasis during post-transmission interruption phase. PLoS Negl Trop Dis 17(11):e0011739. * Jing-Shu Liu, Xin-Chen Li, Qi-Yu Zhang, Le-Fei Han, Shang Xia,….Shi-Zhu Li\*, XiaoNong Zhou\*,Xiao-Xi Zhang \*, China’s application of the One Health approach in addressing public health threats at the human-animal-environment interface: Advances and challenges, One Health 17 (2023) 100607. * Yanfeng Gong, Yixin Tong, Honglin Jiang, Ning Xu, Jiangfan Yin, Jiamin Wang, Junhui Huang, Yue Chen, Qingwu Jiang, Shizhu Li\* and Yibiao Zhou Three Gorges Dam: Potential diferential drivers and trend in the spatio-temporal evolution of the change in snail density based on a Bayesian spatial–temporal model and 5-year longitudinal study, Parasites & Vectors (2023) 16:232. * Zhaojun Li,\* , Yusong Wen, Dandan Lin, Fei Hu , Qin Wang , Yinlong Li, Jing Zhang, Kexing Liu and Shizhu Li \* Impact of the National Wetland Park in the Poyang Lake Area on Oncomelania hupensis, the Intermediate Host of Schistoma japonicum, Trop. Med. Infect. Dis. 2023, 8(4), 194. * Qianqian Cui, Zhengli Shi, Duman Yimamaidi, Ben Hu, Zhuo Zhang, Muhammad Saqib, Ali Zohaib,Baikadamova Gulnara, Mukhanbetkaliyev Yersyn, Zengyun Hu\* and Shizhu Li\* Dynamic variations in COVID-19with the SARS-CoV-2 Omicron variant in Kazakhstan and Pakistan, Infectious Diseases of Poverty (2023) 12:18. * Zhao‑Yu Guo† , Jia‑Xin Feng†, Lin Ai, Jing‑Bo Xue, Jing‑Shu Liu, Xiao‑Xi Zhang, Chun‑Li Cao, Jing Xu,Shang Xia, Xiao‑Nong Zhou, Jin Chen\* and Shi‑Zhu Li\* Assessment of integrated patterns of human-animal-environment health: a holistic and stratifed analysis, Infectious Diseases of Poverty (2023) 12:17. * Yao, X.‐Y.; Yu, S.‐Q.; Tian, N.; Wang, F.; Li, S.‐Z.; Li, L.‐H. Nucleic Acid Prevalence of Zoonotic Babesia in Humans, Animals and Questing Ticks, a Systematic Review and Meta‐Analysis. Trop. Med. Infect. Dis. 2023, 8, 132. * Hui-Hui Zhu, Ji-Lei Huang, Chang-Hai Zhou, Ting-Jun Zhu, Jin-Xin Zheng, Mi-Zhen Zhang, Men-Bao Qian, Ying-Dan Chen, Shi-Zhu Li\*. Soil-transmitted helminthiasis in mainland China from 2016 to 2020: a population-based study, The Lancet Regional Health -Western Pacific, 2023; April 14, 100766. * Lv, Chao, Yin-Long Li, Wang-Ping Deng, Zi-Ping Bao, Jing Xu, Shan Lv, Shi-Zhu Li, and Xiao-Nong Zhou. 2023. "The Current Distribution of *Oncomelania hupensis* Snails in the People’s Republic of China Based on a Nationwide Survey" Tropical Medicine and Infectious Disease 8(2): 120. * Xue JB, Xia S, Wang XY, Huang LL, Huang LY, Hao YW, Zhang LJ, Li SZ. Recognizing and monitoring infectious sources of schistosomiasis by developing deep learning models with high-resolution remote sensing images. Infect Dis Poverty. 2023 Feb 7;12(1):6.   **著作**   * 非洲寄生虫病防治手册，主编，北京，人民卫生出版社，2018； * 血吸虫病控制和消除适宜技术，主编，北京：人民卫生出版社，2020年； * 热带病诊疗及防护手册，主编，北京：人民卫生出版社，2018年。 * 血吸虫病消除手册，副主编，上海，上海科学技术出版社，2021； * 全健康科技进展，副主编，北京：科学出版社，2021年； * 非洲寄生虫学，副主编，北京，人民卫生出版社，2020； * 非洲寄生虫图病谱，主编，人民卫生出版社，北京，2023   **专利**   * 实用新型专利——人粪便寄生虫卵检测试剂盒，授权号ZL2015 2 108676 0.5，李石柱，秦志强等 | |
| **荣誉及奖项** | |
| * 中华医学会科技奖二等奖一项，排名第二 * 华夏医学奖二等奖一项，排名第三 * 中华医学会科技奖二等奖一项，排名第三 * 上海市医学科技奖二等奖一项，排名第三 | |

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| **Profile** |  |
| **Name：LI SHIZHU**  **Gender：Male**  **Date of birth：30/12/1976**  **Degree：PhD/Graduate**  **Title：Professor**  **Email：Lisz@chinacdc.cn**  **Address：207 Ruijin Er Road, Shanghai, China** |
| **Education** | |
| 2006-9 to 2009-7, Chinese Center for Disease Control and Prevention, Epidemiology and Health Statistics, Ph.D., Supervisor: Xiao-Nong Zhou  2000-9 to 2003-7, Shaanxi Normal University / Second Military Medical University, Medical Entomology, M.Sc., Supervisors: Zhe-Min Zheng / Ya-Jun Ma  1996-9 to 2000-7, Huaibei Normal University, Animal Science, B.Sc. | |
| **Appointments** | |
| Since July 2003, I have been working at the National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention, including:   * March 2004 - October 2004: Seconded to the Department of Bloodborne Diseases, Disease Control Bureau, Ministry of Health. * July 2011 - October 2011: Seconded to the World Health Organization (WHO) Western Pacific Regional Office (Philippines). * July 2013 - March 2014: Visiting Scholar at the Natural History Museum in London, UK. * Since 2011, I have served as a member of the Institute's Academic Committee and previously as the Secretary of the Bloodborne Diseases Subcommittee of the Expert Committee on Disease Control, Ministry of Health. * May 2014 - September 2020: Served as a member of the Party Committee and Deputy Director at the National Institute of Parasitic Diseases, Chinese CDC. * September 2020 - October 2023: Served as a member of the Party Committee, Deputy Director, and Deputy Secretary of the Discipline Inspection Commission at the National Institute of Parasitic Diseases, Chinese CDC (National Tropical Diseases Research Center). * Since October 2023, Served as the Director and a member of the Party Committee at the National Institute of Parasitic Diseases, Chinese CDC (National Tropical Diseases Research Center). | |
| **Academic Participation and Activities** | |
| * Vice Chairman, Medical Parasitology Branch, Chinese Preventive Medicine Association * Chairman, Tropical Diseases Professional Committee, Chinese Endemic Disease Association * Associate Editor, *Chinese Journal of Parasitology and Parasitic Diseases* * Associate Editor, *Chinese Journal of Schistosomiasis Control* * Associate Editor, *Journal of Parasitic Diseases and Tropical Medicine* * Associate Editor, *Journal of Parasitic Diseases and Infectious Diseases* * Associate Editor, *Henan Journal of Preventive Medicine* | |
| **Research Interest** | |
| **Research Directions**: Engaged in the research of spatiotemporal distribution prediction techniques for tropical diseases, pathogen and vector ecology detection, monitoring, and control. Developed ecological models for various vector-borne diseases and monitoring/early warning technologies.  **Main Research Areas**:   * Field prevention and control of vector-borne tropical diseases such as schistosomiasis and kala-azar, as well as soil- and food-borne parasitic diseases. * Spatial epidemiology, information technology, and monitoring/early warning technology research. * Population genetics and molecular epidemiology. | |
| **Projects** | |
| * Asia-Pacific Economic Cooperation (APEC) Fund Project, Lancang-Mekong Regional Tropical Disease Control Joint Laboratory Construction, Ongoing, 1.27 million RMB/year; * National Key R&D Program (2024YFC2310902), Research on Control Strategies and Technologies for African Malaria and Schistosomiasis, Ongoing, 1.53 million RMB; * National Natural Science Foundation of China (82473688), Empirical Study on the Transmission Dynamics and Intervention Models of the Resurgence and Spread of Canine Visceral Leishmaniasis in China, Ongoing, 0.49 million RMB; * National Natural Science Foundation of China (32161143036), Study on the Transmission Risk, Insecticide Resistance Levels, and Mechanisms of Emerging Mosquito-borne Diseases in Egypt, Ongoing, 2 million RMB; * Key R&D Program (2021YFC2300800), Subtask on the Pathogenic Mechanisms and Control Interventions of Major Human Parasitic Infections, Ongoing, 0.78 million RMB; * World Health Organization (WHO) Project, Study on the Differential Resistance of Sandflies to Different Insecticide Concentrations (2020/1020294-0), Completed, 0.23 million RMB; * Major Infectious Disease Special Project, Epidemiological Study on African Malaria, Schistosomiasis, and Other Major Parasitic Diseases (2016ZX10004222-004), Completed, 1.73 million RMB; * Major Infectious Disease Special Project, Subproject on Monitoring and Detection of Major Parasitic Diseases in China, Completed, 1 million RMB. * Principal Investigator of provincial and national-level talent programs:   Public Health Talent Program, National Center for Disease Control and Prevention  Shanghai Oriental Talent Program, Top Talent Project | |
| **Publications（in recent 3 years）** | |
| * Zheng JX, Liu Y, Guan SY, Guo ZY, Duan L, Lv S, Zhang SX, Li SZ, Zhou XN, Feng XY. Global, regional, and national burden of neglected tropical diseases and malaria in the general population, 1990-2021: Systematic analysis of the global burden of disease study 2021. J Adv Res. 2025 Apr 5:S2090-1232(25)00223-1. * Liu Q, Chen MX, Cai YC, Li YY, Wang ZY, Guo YH, Hao YW, Xue JB, Jing YD, Wei FN, Wang YB, Li YJ, Wang HF, Sun JL, Wang YL, Wang G, Wang N, Guo NL, Fang JC, Chen WX, Zhou XM, Yu Y, Zhang Y, Chen JH, Wang Q, Li SZ, Yan G, Li Q. *Trypanosoma dionisii* in China: ecology and tentative epidemiology. Infect Dis Poverty. 2025 Jul 7;14(1):61. * Lu, Y., Wang, W., Yu, L. *et al.* Unveiling phosphofructokinase as the key target: an innovative strategy combining pull-down assays with optical imaging for snail-killing mechanism exploration.  Sci. China Chem. 2025 68, 3191–3199. * Shang J, Xu L, Zhong B, Wu Z, Chen L, Meng X, Wan J, Zhang Y, Pu C, Qian P, Li S, Liu Y. Genetic diversity and population structure of *Oncomelania hupensis* in Sichuan Province, China: implications for schistosomiasis control. Int J Parasitol. 2025 Apr;55(5):225-238. * Gong Y, Zhang S, Lin D, Cai Y, Lv S, Zheng M, Hu B, Lei X, Xu N, Wang J, Huang J, Zhou Y, Zhu L, Chen Y, Jiang Q, Li S, Zhou Y. Decoding the impact of environmental shifts on snail density dynamics in the Yangtze River basin: a 26-year study. Parasit Vectors. 2025 Apr 26;18(1):156. * Zheng J, Zhang D, Zhang S, Chen M, Guo Z, Guan S, Liu Y, Bergquist R, Li S, Zhou X, Feng X. Global burden of malaria and neglected tropical diseases in children and adolescents, 1990-2019: a population-based, cross-sectional study. J R Soc Med. 2025 Mar;118(3):82-96. * Luo Z, Wang F, Guo Z, Huang L, Qian P, Wang W, Li SZ\* et al. (2024) Re-emergence and influencing factors of mountain-type zoonotic visceral leishmaniasis in the extension region of Loess Plateau, China. PLoS Negl Trop Dis 18(5):e0012182. * Chen, S.; Fang, Y.; Fujita, R.; Khater, E.I.M.; Li, Y.; Wang, W.; Qian, P.; Huang, L.; Guo, Z.; Zhang, Y.; Li SZ\*; et al. An Exploration of the Viral Coverage of Mosquito Viromes Using Meta-Viromic Sequencing: A Systematic Review and Meta-Analysis. Microorganisms 2024, 12, 1899. * Nannan Xu, Xiaoai Zhang, Hui Liu, …,Shizhu Li\*, Gang Wang\*, Qin Liu\*, Wei Liu\*; Clinical and epidemiological investigation of human infection with zoonotic parasite Trypanosoma dionisii in China; Journal of Infection 89 (2024) 106290. * Guo Z, Zhao M, Liu Z, Zheng J, Gong Y, Huang L, Li SZ\* et al. (2024) Feasibility of ultrasound radiomics based models for classification of liver fibrosis due to Schistosoma japonicum infection. PLoS Negl Trop Dis 18(6): e0012235. * Feng J, Guo Z, Qian P, Wang W, Hu H, Zhang X, et al. (2023) Field validation of different intervention modes for the potential transmission risk of schistosomiasis during post-transmission interruption phase. PLoS Negl Trop Dis 17(11):e0011739. * Jing-Shu Liu, Xin-Chen Li, Qi-Yu Zhang, Le-Fei Han, Shang Xia,….Shi-Zhu Li\*, XiaoNong Zhou\*,Xiao-Xi Zhang \*, China’s application of the One Health approach in addressing public health threats at the human-animal-environment interface: Advances and challenges, One Health 17 (2023) 100607. * Yanfeng Gong, Yixin Tong, Honglin Jiang, Ning Xu, Jiangfan Yin, Jiamin Wang, Junhui Huang, Yue Chen, Qingwu Jiang, Shizhu Li\* and Yibiao Zhou Three Gorges Dam: Potential diferential drivers and trend in the spatio-temporal evolution of the change in snail density based on a Bayesian spatial–temporal model and 5-year longitudinal study, Parasites & Vectors (2023) 16:232. * Zhaojun Li,\* , Yusong Wen, Dandan Lin, Fei Hu , Qin Wang , Yinlong Li, Jing Zhang, Kexing Liu and Shizhu Li \* Impact of the National Wetland Park in the Poyang Lake Area on Oncomelania hupensis, the Intermediate Host of Schistoma japonicum, Trop. Med. Infect. Dis. 2023, 8(4), 194. * Qianqian Cui, Zhengli Shi, Duman Yimamaidi, Ben Hu, Zhuo Zhang, Muhammad Saqib, Ali Zohaib,Baikadamova Gulnara, Mukhanbetkaliyev Yersyn, Zengyun Hu\* and Shizhu Li\* Dynamic variations in COVID-19with the SARS-CoV-2 Omicron variant in Kazakhstan and Pakistan, Infectious Diseases of Poverty (2023) 12:18. * Zhao‑Yu Guo† , Jia‑Xin Feng†, Lin Ai, Jing‑Bo Xue, Jing‑Shu Liu, Xiao‑Xi Zhang, Chun‑Li Cao, Jing Xu,Shang Xia, Xiao‑Nong Zhou, Jin Chen\* and Shi‑Zhu Li\* Assessment of integrated patterns of human-animal-environment health: a holistic and stratifed analysis, Infectious Diseases of Poverty (2023) 12:17. * Yao, X.‐Y.; Yu, S.‐Q.; Tian, N.; Wang, F.; Li, S.‐Z.; Li, L.‐H. Nucleic Acid Prevalence of Zoonotic Babesia in Humans, Animals and Questing Ticks, a Systematic Review and Meta‐Analysis. Trop. Med. Infect. Dis. 2023, 8, 132. * Hui-Hui Zhu, Ji-Lei Huang, Chang-Hai Zhou, Ting-Jun Zhu, Jin-Xin Zheng, Mi-Zhen Zhang, Men-Bao Qian, Ying-Dan Chen, Shi-Zhu Li\*. Soil-transmitted helminthiasis in mainland China from 2016 to 2020: a population-based study, The Lancet Regional Health -Western Pacific, 2023; April 14, 100766. * Lv, Chao, Yin-Long Li, Wang-Ping Deng, Zi-Ping Bao, Jing Xu, Shan Lv, Shi-Zhu Li, and Xiao-Nong Zhou. 2023. "The Current Distribution of *Oncomelania hupensis* Snails in the People’s Republic of China Based on a Nationwide Survey" Tropical Medicine and Infectious Disease 8(2): 120. * Xue JB, Xia S, Wang XY, Huang LL, Huang LY, Hao YW, Zhang LJ, Li SZ. Recognizing and monitoring infectious sources of schistosomiasis by developing deep learning models with high-resolution remote sensing images. Infect Dis Poverty. 2023 Feb 7;12(1):6. | |
| **Books** | |
| * Handbook of African Parasitic Disease Prevention and Control, Editor-in-Chief, Beijing: People’s Medical Publishing House, 2018; * Appropriate Technologies for Schistosomiasis Control and Elimination, Editor-in-Chief, Beijing: People’s Medical Publishing House, 2020; * Handbook of Tropical Disease Diagnosis, Treatment, and Protection, Editor-in-Chief, Beijing: People’s Medical Publishing House, 2018; * Handbook of Schistosomiasis Elimination, Associate Editor, Shanghai: Shanghai Scientific & Technical Publishers, 2021; * Advances in One Health Technology, Associate Editor, Beijing: Science Press, 2021; * African Parasitology, Associate Editor, Beijing: People’s Medical Publishing House, 2020; * Atlas of African Parasitic Diseases, Editor-in-Chief, Beijing: People’s Medical Publishing House, 2023. | |
| **Patents** | |
| Li Shizhu; Qin Zhiqiang; Feng Ting; Xu Jing; Lu Shan; Zhou Changhai; Test kit for parasite eggs in human feces, 2 016-08-03, China, ZL 2015 2 1086760.5. | |
| **Honors and Awards** | |
| * Chinese Medical Association Science and Technology Award, Second Prize, Ranked 2rd * Huaxia Medical Award, Second Prize, Ranked 3rd * Chinese Medical Association Science and Technology Award, Second Prize, Ranked 3rd * Shanghai Medical Science and Technology Award, Second Prize, Ranked 3rd | |