个人简介

姓名：郭云海

性别：男

出生年月：1978.12

学位/学历：博士

职称：研究员

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办公地址：上海市黄浦区瑞金二路 207 号

教育经历

1998 - 2002 贵州师范大学生物系　本科

2004 - 2007 贵州师范大学地生学院　硕士研究生

2007 - 2010 中国科学院动物研究所　博士研究生

工作经历

2010-2012 中国疾病预防控制中心寄生虫病所 博士后

2012-至今 中国疾病预防控制中心寄生虫病所（国家热带病研究中心）

社会/学术任职和活动

中国地方病协会病媒生物控制委员会委员

中国动物学会海洋湖沼学会贝类学分会委员

研究方向/主要研究内容

医学贝类系统生物学研究；

蝙蝠携带病原研究；

生态位模型预测预警

科研/教学研究项目

1. 2025-2028 国家科技重大专项课题“蚊蠓白蛉等携带的未知微生物及其全景病原谱构建，2025ZD01900105”，任务负责人

2. 2024-2026 中国疾病预防控制中心寄生虫病预防控制所科技创新支撑计划“基于形态、线粒体基因组及生态位的重要医学贝类物种厘定与系统发育研究”，主持

3. 2025-2028 国家科技重大专项课题“真实场景高风险病原体发现与风险评估应用研究，2025ZD01901104”，参与

主要学术成果

期刊论文

- Peter S. Andrus, HAN Qing-chi, YANG Li-min, Christopher M. Wade，QIN Zhi-qiang, Kokouvi Kassegne, WU Xiao-nen, GUO Yun-hai * and ZHOU Xiao-nong*. Population Genetic Diversity of Invasive *Pomacea* Snails and Surveillance of *Angiostrongylus cantonensis* in Shanghai, East China. Parasites & Vectors, 2026.19(162): 1-15.
- Peter S. Andrus, YANG Li-min, HAN Qing-chi, QI Zhi-heng, HOU Zhi-ying, WU Xiao-nen, LIU Si-yuan, WANG Kun, CHEN Jun-hu, Robbie Rae, Christopher M. Wade, GUO Yun-hai*,and ZHOU Xiao-nong*. Proteomic profiles of *Lissachatina* (Heterobranchia) and *Pomacea* (Caenogastropoda) snails infected with *Angiostrongylus cantonensis* using 4D label-free quantitative analysis. PLoS Neglected Tropical Diseases, 2025, 19(12): e0013812.
- LI Tian-mei, LIU Yu-hua, FANG Wen, ZHAO Shen-hua, LI Ting, JIANG Ling, Peter S. Andrus, GUO Yun-hai*, CHEN Shao-rong*. Monitoring the trends of *Angiostrongylus cantonensis* infection in humans and *Pomacea* spp. Snails in Dali, Yunnan, China, 2007–2021. PLOS Neglected Tropical Diseases, 2025, 19(5): e0013065.
- JIANG Ling, LI Tian-mei*, JIANG Ying-rui, LIU Yu-hua, CHEN Shao-rong, LIU Hong-kun, FANF Wen, ZHAO Shen-hua, LI Rong, GUO Yun-hai*. A cost-effective strategy for identifying *Angiostrongylus* spp. larvae in *Achatina fulica*: combined morphological and molecular biology. Parasites & Vectors, 2025, 18(47): 1-9.
- ZHANG Jian, ZHANG Yi, CHEN Shan-shan, ZHANG Su-xia, GUO Yun-hai *,and KAI Zhen-peng[1]*. Monoterpenoids: Eco-Friendly Slug Control Solutions for Sustainable Agriculture. ACS Agricultural Science & Technology, 2025,5(1):75−83.

Profile

Name： Yunhai Guo

Gender： Male

Date of birth： December, 1978

Degree： Doctor

Title： Professor

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Address： 207 Ruijin Er Road, Shanghai, China

Education

1998-2002, Department of Biology, Guizhou Normal University, Bachelor

2004-2007, College of Geography and Life Sciences, Guizhou Normal University, Master

2007-2010 Institute of Zoology, Chinese Academy of Sciences, PhD

Appointments

2010-2012, Postdoctoral Researcher, National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention

2012-Present, National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention

Academic Participation and Activities

Member of the Vector Control Committee of the China Association of Endemic Diseases

Member of the Mollusca Branch of the Chinese Zoological Society

Research Interest

Research on the systems biology of medical mollusks;

Research on pathogens carried by bats;

Prediction and early warning using ecological niche models

Projects

1.2025-2028, National Major Scientific and Technological Special Project "Construction of the Unknown Microorganisms Carried by Mosquitoes, Midges, Sandflies, and Their Panoramic Pathogen Spectrum, 2025ZD01900105", Task leader

2.2024-2026, The Science and Technology Innovation Support Program of the Institute for Parasitic Diseases Prevention and Control, Chinese Center for Disease Control and Prevention "Identification and Phylogenetic Study of Important Medical Mollusks Based on Morphology, Mitochondrial Genome, and Ecological Niche" , Project Leader

3.2025-2028, National Major Scientific and Technological Special Project "Research on the Discovery and Risk Assessment of High-Risk Pathogens in Real-Life Scenarios, 2025ZD01901104", Participate

Publications

- Peter S. Andrus, HAN Qing-chi, YANG Li-min, Christopher M. Wade，QIN Zhi-qiang, Kokouvi Kassegne, WU Xiao-nen, **GUO Yun-hai** * and ZHOU Xiao-nong*. Population Genetic Diversity of Invasive *Pomacea* Snails and Surveillance of *Angiostrongylus cantonensis* in Shanghai, East China. Parasites & Vectors, 2026.19(162): 1-15.
- Peter S. Andrus, YANG Li-min, HAN Qing-chi, QI Zhi-heng, HOU Zhi-ying, WU Xiao-nen, LIU Si-yuan, WANG Kun, CHEN Jun-hu, Robbie Rae, Christopher M. Wade, **GUO Yun-hai***,and ZHOU Xiao-nong*. Proteomic profiles of *Lissachatina* (Heterobranchia) and *Pomacea* (Caenogastropoda) snails infected with *Angiostrongylus cantonensis* using 4D label-free quantitative analysis. PLoS Neglected Tropical Diseases, 2025, 19(12): e0013812.
- LI Tian-mei, LIU Yu-hua, FANG Wen, ZHAO Shen-hua, LI Ting, JIANG Ling, Peter S. Andrus, **GUO Yun-hai*,** CHEN Shao-rong*. Monitoring the trends of *Angiostrongylus cantonensis* infection in humans and *Pomacea* spp. Snails in Dali, Yunnan, China, 2007–2021. PLOS Neglected Tropical Diseases, 2025, 19(5): e0013065.
- JIANG Ling, LI Tian-mei*, JIANG Ying-rui, LIU Yu-hua, CHEN Shao-rong, LIU Hong-kun, FANF Wen, ZHAO Shen-hua, LI Rong, **GUO Yun-hai***. A cost-effective strategy for identifying *Angiostrongylus* spp. larvae in *Achatina fulica*: combined morphological and molecular biology. Parasites & Vectors, 2025, 18(47): 1-9.
- ZHANG Jian, ZHANG Yi, CHEN Shan-shan, ZHANG Su-xia, **GUO Yun-hai ***,and KAI Zhen-peng1*. Monoterpenoids: Eco-Friendly Slug Control Solutions for Sustainable Agriculture. ACS Agricultural Science & Technology, 2025,5(1):75−83.