

Special Issue

Improving Public Health Responses to Infectious Diseases

Message from the Guest Editor

Infectious diseases remain a major global public health challenge, particularly in the context of emerging pathogens, antimicrobial resistance, and health system vulnerabilities. Ebola and the COVID-19 pandemic have highlighted both the strengths and weaknesses of current public health infrastructures and emphasized the urgent need for more resilient, equitable, and effective response strategies. This Special Issue invites contributions that explore innovative, evidence-based approaches to improving public health responses to infectious diseases at local, national, and global levels. We welcome manuscripts addressing a wide range of topics including surveillance systems, early detection and outbreak preparedness, risk communication, community engagement, vaccination strategies, and policy interventions. Submissions may focus on high-burden communicable diseases, pandemic preparedness, lessons learned from past outbreaks, and the integration of digital health technologies into disease response. The aim is to provide a platform for actionable insights that can inform policy, enhance health system capacities, and ultimately reduce the burden of infectious diseases worldwide.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

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