

Special Issue

Tackling Emerging Zoonotic Diseases with a One Health Approach

Message from the Guest Editors

Emerging and re-emerging zoonotic diseases pose a significant threat to global health and economic stability. To address these multifaceted challenges, a One Health approach is essential. This multidisciplinary framework emphasizes collaboration across human, animal, and environmental health sectors to effectively detect, prevent, and control zoonotic diseases. Key to this approach are innovations in pathogen surveillance, enhanced laboratory capabilities, improved data sharing, and integrated outbreak response mechanisms. Furthermore, understanding the complex sociological and ecological factors influencing disease transmission is critical to implementing sustainable detection and control strategies. This Special Issue invites contributions that explore the drivers of zoonotic disease emergence, case studies of outbreaks, advancements in diagnostic tools, and the application of the One Health concept. By bringing together diverse expertise, this collection aims to deepen our understanding of zoonoses and foster multisectoral partnerships to enhance global health security and resilience against future zoonotic threats.

Guest Editors

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Editor-in-Chief

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