

Special Issue

Emerging Infectious Diseases and Strategies for Their Prevention and Control

Message from the Guest Editor

Climate change's impact on our planet is undeniable, leading to rising global temperatures, increased precipitation, and extreme weather events that are altering global ecology. This shift has expanded the range of pathogenic species, broadened their host limits, and enhanced their adaptive thermotolerance. Emerging infectious diseases, defined by increasing incidence, geographic or host range, and virulence, are directly linked to this phenomenon, as evidenced by the COVID-19 pandemic. To address these threats, sensitive surveillance systems and advanced laboratory testing are crucial for timely recognition and containment of global health risks. This Special Issue invites manuscripts on bacterial, viral, and fungal pathogens whose circulation patterns are changing and whose prevalence poses risks to human health, quality of life, and national health systems. Contributions on antimicrobial resistance and multi-drug resistant pathogens, related to excessive antimicrobial use in humans, animals, or plants, are also welcome.

Guest Editor

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Message from the Editor-in-Chief

Editor-in-Chief

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