



Infectious Disease Epidemiology 2023

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Message from the Guest Editors

Many developing countries are facing an enormous burden of infectious diseases, including diarrhea, malaria, tuberculosis, and HIV/AIDS. Although vaccines have conquered most infectious diseases, newer and emerging infectious diseases, such as Ebola fever, SARS coronavirus disease, MERS, Nipah virus, Hantavirus, Dengue fever, Chikungunya, Rocky Mountain Spotted Fever, West Nile virus infection, etc., are still causing public health threats worldwide. Over time, many infectious organisms have adapted to the drugs designed to kill them, making the agents resistant to the commonly used antimicrobials. Mathematical modeling and the application of GIS are also important tools in the prediction of infectious diseases, the identification of at-risk populations, and the evaluation of interventions.

This Special Issue on “Infectious Disease Epidemiology” will cover original research and review articles related to the global burden of infectious diseases, antimicrobial resistance, emerging diseases, social aspects and the economic burden of diseases, laboratory identification, clinical trials, community interventions, GIS application, and mathematical models.





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Message from the Editor-in-Chief

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