

## Special Issue

# Tracking Infectious Diseases, 2nd Edition

### Message from the Guest Editor

This Special Issue on “Tracking Infectious Diseases, 2nd Edition” aims to focus on developing, utilizing, implementing, and comparing quantitative methodologies (e.g., statistical and mathematical modeling, machine learning and deep learning algorithms, geospatial informatics, sentiment analytics, mobility data, etc.) to understand the pathways of disease dissemination, be able to infer the transmission dynamics of infectious diseases in spatial-temporal scales, and forecast diseases to inform disease control strategies and public health responses. We encourage the submission of original research in the form of innovative, rigorous, and unconventional applications of methodological, technological, administrative, or ethical perspectives on tracking infectious diseases, for example, data analytics in outbreak detection and disease control, developing new algorithms and forecasting methodologies for predicting epidemic progression, artificial intelligence of things (AIoT) in disease surveillance, environmental exposure assessment, the impact of extreme weather events on disease transmission, and best practices in disease tracking.

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### Guest Editor

Dr. Amna Tariq

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### Deadline for manuscript submissions

closed (15 August 2025)



## Tropical Medicine and Infectious Disease

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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