

Special Issue

Respiratory Infectious Disease Epidemiology and Control

Message from the Guest Editors

Respiratory infectious diseases pose a significant global health burden. The data on the recent COVID-19 pandemic have raised several research questions at various levels of infectious disease epidemiology and modeling. At the parametric level, it is highlighted about the improvement in the inference of epidemiological parameters and their time-varying characteristics across the outbreak's span. Such temporal parametric information could allow us to assess the impacts of these PHSMs better and, thus, provide better real-time intervention policies. Furthermore, the epidemiological dynamics and the characteristics of these respiratory viruses would be interesting to assess during the post-COVID-19 pandemic period, accounting for their coexistence and co-circulation.

In this Special Issue, we welcome submissions of studies covering topics including, but not limited to, the epidemiology and transmission dynamics of these respiratory diseases and their control strategies, impact assessments of these interventions, predictions of population immunity, and the dynamics and disease burdens of these respiratory viruses during the pre- and post-COVID-19 pandemic periods.

Guest Editors

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Deadline for manuscript submissions

closed (29 August 2025)



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Editor-in-Chief

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