*infectious disease reports*

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# Mathematical Modelling of Infectious Diseases

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## Message from the Guest Editors

Dear Colleagues,

The COVID-19 pandemic has reinvigorated interest in using mathematical models by the infectious disease community. The potential for mathematical modeling is tremendous. However, it is challenging to build analytically tractable models that accurately describe disease dynamics that can be easily validated using publicly available datasets.

In this Special Issue, we aim to compile a collection of papers focusing on novel studies based on mathematical models to understand the transmission process's complexity, such as the multiple strain pathogen, vaccination, and others.

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