



## Molecular Mechanisms and Treatment of Infectious Diseases

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### Message from the Guest Editor

Dear Colleagues,

Infection triggers robust immune reactions aimed at eliminating invading pathogens. These combined innate and adaptive immune responses culminate in the eventual restoration of health in most infected individuals. This intricate process entails the engagement of diverse proteins sourced from the pathogens themselves, signaling molecules and receptors, as well as cytokines and chemokines, all of which have been recognized for their pivotal roles in orchestrating this series of events. Understanding the intricate molecular mechanisms underlying host–pathogen interactions is crucial for developing effective treatments. In this Special Issue, we will target the fundamental molecular processes involved in infectious diseases, highlighting recent advancements in treatment strategies and potential therapeutic options.

Dr. João R. Mesquita  
*Guest Editor*





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## Message from the Editor-in-Chief

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