

Special Issue

Molecular Mechanisms and Treatment of Infectious Diseases

Message from the Guest Editor

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.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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