

Special Issue

Molecular Mechanisms of SARS-CoV-2 Infection and Pathogenesis

Message from the Guest Editors

Since its emergence, SARS-CoV-2 has reshaped global health and research priorities, driving rapid progress in molecular virology, pathogenesis, and therapeutic approaches. Therefore, it is with great pleasure that we invite researchers to contribute to our forthcoming Special Issue titled “Molecular Mechanisms of SARS-CoV-2 Infection and Pathogenesis”, which will showcase the latest advances in understanding viral evolution, host immune responses, and molecular mechanisms underlying infection. By bringing together original research and comprehensive reviews, this Special Issue will provide an updated overview of the molecular basis of SARS-CoV-2 biology and its clinical implications, ultimately supporting the development of effective strategies against current and future coronavirus outbreaks. We warmly invite researchers to contribute to this Special Issue in the form of original research articles, systematic reviews, and brief communications.

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The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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