

Special Issue

Antiviral Drug Design, Synthesis and Molecular Mechanisms

Message from the Guest Editors

Viruses are widespread worldwide, including animal viruses, plant viruses, bacterial viruses, and so on. Viral diseases not only threaten biological health but also hinder economic development. The application of antiviral drugs plays a pivotal role in controlling viral diseases. This Topic will focus on but not be limited to host-virus interactions, discovery of natural products with antiviral activity, antiviral compounds derived from natural products, computer-aided drug design and synthesis of antiviral drugs, antiviral formulation, mechanism of action of antiviral drugs, metabolic pathway of antiviral drugs, and the development of viral disease management strategies. We welcome well-prepared manuscripts of original research, review articles, and short communications from different fields, such as chemistry, biology, biochemistry, pharmacology, medicinal chemistry, and computational chemistry to contribute to this Topic. Our goal is for this Topic to represent the current state of knowledge in the discovery of novel antiviral drugs

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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Message from the Editor-in-Chief

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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