

Special Issue

Cutting-Edge Research on Antiviral Therapy

Message from the Guest Editors

In the last ten years, globalization, global warming, and population aging have contributed to the spread of emerging or re-emerging viruses such as SARS-CoV-2, West Nile, Dengue, Zika, Ebola, and, recently, the monkeypox virus. The number of reported cases is impressive, and considering that many viral infections occur asymptotically, it is conceivable that numbers will increase significantly in the coming years.

This Special Issue of IJMS will focus on advances in the field of antiviral therapy, including the development of novel antivirals, drug-repurposing approaches, mechanism of action elucidation, sustainable procedures to scale up the synthesis of existing antivirals, and optimization of ADME and PK properties. We welcome the submission of papers focusing on the development of antivirals using cutting-edge technologies such as proteolysis-targeting chimeras (PROTACs) and ribonuclease-targeting chimeras (RIBOTACs). **Keywords:**

- antivirals
- medicinal chemistry
- viruses
- PROTACs
- RIBOTACs

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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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