

Special Issue

Molecular View of Natural Products with Antiviral Effects

Message from the Guest Editor

Viruses hijack host cellular machinery and induce metabolic and oxidative stress that facilitates their replication and pathogenesis. This Special Issue focuses on the potential of natural products to modulate these dysregulated pathways and exert antiviral effects. Natural products, including phytochemicals, nutritional supplements, marine extracts, and antioxidants, have shown promise in regulating molecular signaling pathways involved in viral replication and pathogenesis. By targeting metabolic imbalances, chronic inflammation, and oxidative stress, these compounds may offer novel therapeutic avenues for managing viral infections.

We invite contributions that explore the molecular mechanisms by which natural products exert antiviral effects. This Special Issue aims to highlight innovative strategies that leverage the power of natural products to modulate host–pathogen interactions and improve outcomes in viral diseases. We seek to advance our understanding of how natural products can be harnessed to interfere with viral life cycles and mitigate the impact of viral infections on human health. We look forward to receiving your contributions.

Guest Editor

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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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