

Special Issue

RNA Virus Mechanisms: From Molecular Insights to Therapeutic Strategies

Message from the Guest Editor

This Special Issue seeks to highlight research exploring the molecular mechanisms of RNA viruses, encompassing their complex replication strategies, structural dynamics, and life cycles, as well as their nuanced interaction and modulation of host cellular processes at both cellular and molecular levels. Furthermore, we encourage contributions that venture into potential therapeutic avenues grounded in these molecular insights, encompassing the development of antiviral drugs, vaccines, and novel approaches targeting RNA virus–host interactions.

We aspire to foster a comprehensive approach to combating RNA viral infections. This Special Issue serves as a platform for researchers to contribute their original research articles, reviews, and perspectives, with a particular focus on those that resonate with the current trends and prospective directions in the field of RNA virus research.

We eagerly anticipate your invaluable contributions, which promise to shape a robust narrative, fostering innovation and collaboration in the relentless pursuit of mitigating the threats posed by RNA viruses.

Guest Editor

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Deadline for manuscript submissions

closed (20 November 2024)



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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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