

Special Issue

Molecular Research on Antiviral Mechanism

Message from the Guest Editor

Viruses are not able to survive on their own. Therefore, in order to propagate, they must infect cells and as such have to develop highly intricate mechanisms to take over various cellular functions as well as to defend themselves against antiviral mechanisms implemented by the infected cell. Viruses also take over signaling pathways and various processes within the host as means of assisting their replication. Viruses can modify, sequester and degrade their targets within the cell utilizing a multitude of mechanisms. This diversity in the strategies that viruses use to counteract the host cell at the molecular level has provided numerous potential targets for the development of antivirals.

In this Special Issue, we invite articles that highlight the latest developments and advancements in molecular research in virology. We are excited to invite papers on the molecular mechanisms all viruses (both RNA and DNA viruses) utilize to take over the host cell as well as papers focused on the molecular strategies host cells use to thwart invading viral pathogens.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 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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