

## Special Issue

# The Interaction Between Cell and Virus, 3rd Edition

### Message from the Guest Editor

Viral infections cause various diseases in the host species. Antiviral medications can help to relieve the symptoms of some viruses by inhibiting viral enzymes or virus-mediated events. However, during the past half century, very few antiviral drugs (excluding anti-HCV drugs) have been developed.

A better understanding of the interaction between viruses and host cells could provide new insights into the process of pathogenesis, immune disruption (or activation), and tumorigenesis triggered by viruses, and may provide a theoretical basis for the development of novel therapeutic interventions against infectious diseases.

For this Special Issue, original research articles, review articles and short communications are welcome. Research areas of interest include the cell-virus interaction involved in viral replication, gene expression, latent or lytic infection, viral structural protein and enzyme, virus assembly, cell signaling pathways, post-translational modification, host factors, virus immune evasion, host immune response, viral tumorigenesis or disease, antiviral medication, vaccine, animal models, and gene therapy.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 July 2025)



## 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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