

## Special Issue

# Antiviral Drug Targets: Structure, Function, and Drug Design

### Message from the Guest Editors

Today, viral infections represent a serious health and social problem, as underlined by the current coronavirus pandemic. Several other viruses (e.g., Ebola, Zika, West Nile, Dengue, and Chikungunya virus) for which drugs or vaccines might not be available represent a concrete risk of epidemics. Antiviral drug design requires contributions from different disciplines: characterization of the virus type, elucidation of structural features of macromolecular targets, and understanding of the mechanisms of viral replication into the host notably accelerate the identification of suitable drug targets. Antiviral agents are designed and optimized accordingly, through multiple techniques including computational, chemical, biochemical, biophysical, and biological studies, as well as integrated combinations of them. This Special Issue collects recent findings on antiviral drug targets with a focus on structural and functional elucidations, and drug design. The submission of original research papers and reviews on this broad and relevant topic is warmly welcome.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2022)



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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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### Editor-in-Chief

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