

Special Issue

Antiviral and Antimicrobial Peptides

Message from the Guest Editors

The current outbreak of the new coronavirus (SARS-CoV-2) responsible for the COVID-19 pandemic has emphasized how infectious diseases continue to be a serious global health problem with meaningful epidemiological, financial, and strategic implications. Therefore, the identification of new molecules and therapies to combat emerging multi-resistant bacteria and viruses is urgently required. A very promising therapeutic strategy against various microbial species is represented by antimicrobial peptides (AMPs), which generally play a key role in the innate immune system of higher organisms. AMPs represent the first line of protection and response against opportunistic and pathogenic microorganisms in nature. We welcome you to submit manuscripts that describe new antibacterial and/or antiviral peptides with special attention to the determination of their structure, their rational design, modification, and peptidomimetics, and the study of their interaction mechanisms with target microbes. We invite authors to submit original or review articles covering all aspects of this topic.

Guest Editors

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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.

Editor-in-Chief

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