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Antiviral and Antimicrobial Peptides

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Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

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.

Prof. Massimiliano Galdiero

Prof. Gianluigi Franci

Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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