

Special Issue

Emerging Viruses and Antiviral Drugs

Message from the Guest Editors

Emerging viruses are a very broad category that includes not only newly discovered viruses but also re-emerging variants of known viruses. These viruses continue to cause mass disruption by creating constant threat to public health. In the last 20 years, we have observed a variety of viral outbreaks, such as severe acute respiratory symptom (SARS), H1N1 influenza, Ebola virus, Middle East respiratory syndrome coronavirus (MERS-CoV), Rift Valley fever, Crimean Congo hemorrhagic fever, Nipah and Hendra viruses, severe fever with thrombocytopenia syndrome virus (SFTSV), yellow fever virus (YFV), Zika virus, and the ongoing SARS-CoV-2. The globalization of the economies and quick-paced traveling patterns of human populations, combined with climate change, are creating ample opportunities for mass spread of viral infections. This Special Issue, “Emerging Viruses and Antiviral Drugs”, focuses on various antiviral approaches to manage emerging and re-emerging viruses and will include antiviral drug discovery, discovery of the mechanism of actions, new targets, and upcoming and established technologies used for discovery and development of antiviral drugs.

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Deadline for manuscript submissions

closed (31 March 2023)



Microorganisms

an Open Access Journal
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Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/112693

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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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