



Emerging Diseases/Viruses Prevention: Control, Surveillance, and One Health

Guest Editor:

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Message from the Guest Editor

Zoonoses represent up to 60% of infectious diseases and 75% of new diseases in humans. They can cause considerable economic losses each year, as recently illustrated by the COVID-19 pandemic. Several factors, such as intensive agricultural and livestock practices, human population growth, and international travel, are known to contribute to the emergence of zoonotic diseases. This special issue will cover the topic of One Health and its application in the prevention and control of emerging diseases. The One Health concept recognizes that the health of humans, animals, vectors, and their ecosystems are closely interconnected.

In this Special Issue, we invite colleagues to submit original research articles and scientific reviews to assemble a collection of papers highlighting advancements in our understanding of all aspects related to surveillance and control of zoonotic disease, including (but not limited to) 1) development of new diagnostic tools, 2) outbreak investigation and surveillance program of emerging pathogens (including One health approaches), and 3) understanding of the mechanisms of pathogen emergence.

