Genetics and Genomics of Zoonotic Infectious Diseases

Guest Editor:

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Message from the Guest Editor

The recent COVID-19 pandemic has heightened our awareness of zoonotic diseases. The impact of this zoonosis on all aspects of human life worldwide has prompted impressive research efforts to better understand the genomics and genetics of this virus, enhancing awareness regarding potential future pandemics involving zoonotic pathogens.

Unprecedented human encroachment into previously untouched environments has accelerated the rate of contact with wild animals. Coupled with other factors such as large-scale farming with low biosafety, this increase in human–animal interaction augments the risk of zoonotic infections and new pandemics. The study of pathogens at the genetic and genomic levels is crucial for preventing emerging and re-emerging zoonotic diseases.

We welcome the submission of original manuscripts addressing various aspects of genetics and genomics of zoonotic infectious diseases for this Special Issue. Specifically, topics such as the functioning and composition of genes, gene interrelationships, molecular characterizations, novel sequencing technologies, and techniques for genomic surveillance are welcome.

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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