Special Issue

Pathogenesis, Molecular Epidemiology, and Immune Response to Lentiviral Infections

Message from the Guest Editors

Lentiviruses are a genus of the retroviridae family that encompass bovine (BIV), small ruminant (SRLV), equine (EIAV), feline (FIV), and human/non-human primate immunodeficiency viruses (HIV/SIV), characterized by long incubation periods and a variety of progressively degenerative pathologies, including immunodeficiencies, which lead inexorably to death of the host. Lentiviruses infect both dividing and non-dividing cells, in general immune cells, and integrate viral genome into the host DNA. High genetic variation is a hallmark of lentiviral infections. Although major progresses have been made in our knowledge of the interplay between lentivirus and host, even more remains to be revealed. This Special Issue is to provide an overview of recent advances in research of lentiviral infections including virus–host interactions, viral pathogenesis, and their consequences for the immune system. Studies on molecular epidemiology are encouraged to be submitted. Any original research article and review covering topics regarding "Pathogenesis, Molecular Epidemiology, and Immune Response to Lentiviral Infections" is very welcomed.

Guest Editors

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Deadline for manuscript submissions

closed (15 September 2021)

Pathogens

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed

mdpi.com/si/61394

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Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

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