



an Open Access Journal by MDPI

Pathogenesis, Molecular Epidemiology, and Immune Response to Lentiviral Infections

Guest Editors:

Dr. Alessandra Borsetti

National HIV/AIDS Research
Center (CNAIDS), Istituto
Superiore di Sanità, Rome, Italy

Prof. Dr. Cristina Parolin

Department of Molecular
Medicine, University of Padova,
Padova, Italy

Deadline for manuscript
submissions:

closed (15 September 2021)

Message from the Guest Editors

Dear Colleagues,

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.



mdpi.com/si/61394

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lawrence S. Young

Warwick Medical School,
University of Warwick, Coventry
CV4 7AL, UK

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, CaPlus / SciFinder, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Microbiology*) / CiteScore - Q2 (*General Immunology and Microbiology*)

Contact Us

Pathogens Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/pathogens
pathogens@mdpi.com
[X@Pathogens_MDPI](https://twitter.com/Pathogens_MDPI)