



viruses



an Open Access Journal by MDPI

Viral Zoonoses: Interactions and Factors Driving Virus Transmission

Guest Editors:

Dr. Myriam Ermonval

Institut Pasteur, Université Paris-Cité, Unité Environnement et Risques Infectieux, 75015 Paris, France

Dr. Serge Morand

1. Centre National de la Recherche Scientifique, MIVEGEC, Montpellier Université, Montpellier, France
2. Faculty of Veterinary Technology, Kasetsart University, Bangkok, Thailand
3. Centre National de la Recherche Scientifique, Centre de Coopération, Internationale en Recherche Agronomique pour le Développement, Montpellier University, Paris, France

Deadline for manuscript submissions:

closed (28 February 2023)

Message from the Guest Editors

Most emerging diseases are caused by viruses of animal origin, with a long history of adaptation to their natural hosts, becoming pathogenic when crossing species barriers. Outbreaks are increasing worldwide influenced by human activities perturbing the ecosystems and increasing contact between infected animals and humans, as exemplified by orthohantavirus. The comprehension of different levels of interactions between viruses and cellular and environmental factors with the contribution of different disciplinary approaches integrated into the "One Health" concept, are important for the implementation of measures to prevent new viral emergences.

This special issue will relate to RNA viruses having mammals as animal reservoirs, not arthropod-borne. It will cover general aspects of the pathophysiology of zoonotic viruses in different hosts in particular in their reservoirs and cellular and environmental factors influencing their transmission and spillover to other species, even from humans to domestic or wild animals in the event of a major epidemic episode.



mdpi.com/si/111662

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Eric O. Freed

Director, HIV Dynamics and
Replication Program, Center for
Cancer Research, National
Cancer Institute, Frederick, MD
21702-1201, USA

Message from the Editor-in-Chief

Viruses (ISSN 1999-4915) is an open access journal which provides an advanced forum for studies of viruses. It publishes reviews, regular research papers, communications, conference reports and short notes. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. The full experimental details must be provided so that the results can be reproduced. We also encourage the publication of timely reviews and commentaries on topics of interest to the virology community and feature highlights from the virology literature in the 'News and Views' section.

Electronic files or software regarding the full details of the calculation and experimental procedure, if unable to be published in a normal way, can be deposited as supplementary material.

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**, **MEDLINE**, **PMC**, **Embase**, **PubAg**, **AGRIS**, and **other databases**.

Journal Rank: JCR - Q2 (*Virology*) / CiteScore - Q1 (*Infectious Diseases*)

Contact Us

Viruses Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/viruses
viruses@mdpi.com
[X@VirusesMDPI](https://twitter.com/VirusesMDPI)