



## Pathogenesis of Emerging and Re-Emerging RNA Viruses

Guest Editor:

**Prof. Dr. Brian Hjelle**

Departments of Pathology,  
Biology, and Molecular Genetics  
& Microbiology Center for  
Infectious Diseases and Immunity  
Health Sciences Center, 329CRF  
MSC08 4640, 1 University of New  
Mexico, Albuquerque, NM 87131,  
USA

Deadline for manuscript  
submissions:

**closed (31 March 2011)**

### Message from the Guest Editor

Dear Colleagues,

The last several decades has witnessed a steady stream of newly-emerged highly pathogenic RNA viruses including Ebola and Marburg viruses, novel New World and Old World arenaviruses, the agents of hantavirus cardiopulmonary syndrome, the SARS coronavirus, Henipaviruses, and the appearance of West Nile virus in the Western Hemisphere. Other RNA viruses such as hepatitis C virus have continued to cause mounting numbers of cases of chronic illness, often with severe consequences.

Recent investigations are revealing in ever-increasing detail the many strategies that viruses use to evade immunity and to interfere with the normal function of cells, creating new potential for the understanding of the basis for pathogenesis by, and prevention and treatment of, RNA viruses and their associated illnesses.

Prof. Dr. Brian Hjelle  
*Guest Editor*





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](http://www.mdpi.com)

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