



viruses



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Viral Entry Pathways

Guest Editors:

Prof. Dr. Anthony V. Nicola

Department of Veterinary
Microbiology and Pathology,
College of Veterinary Medicine,
Washington State University,
Pullman, WA, USA

Prof. Dr. Lijun Rong

College of Medicine, University of
Illinois, Chicago, IL, USA

Prof. Dr. Lu Lu

Key Laboratory of Medical
Molecular Virology of Ministries of
Health and Education, School of
Basic Medical Sciences, Fudan
University, Shanghai, China

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submissions:

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Message from the Guest Editors

Dear Colleagues,

Viral entry is the first step of infection in the viral life cycle and an important antiviral target. This process is initiated by specific interactions between a virus protein(s) with host factors on the host cells, and followed by diverse pathways such as endocytosis, membrane fusion, and/or viral penetration to enter the target cells. Recent work using an integral approach of cell biology studies, live-cell imaging, structural biology, and systems biology has provided new insights into the multiple and subtly different pathways that viruses use to enter host cells.

In this Special Issue, we welcome submissions of research or review articles on recent advances in our understanding of viral entry pathways. Topics may include but are not limited to the cell and molecular biology of viral entry, virus–host interactions, cellular receptors, viral structures, and antivirals of both DNA and RNA viruses.

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Special Issue



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Editor-in-Chief

Dr. Eric O. Freed

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.

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Contact Us

Viruses Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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