

## Special Issue

# Viral Infection of Polarized Cells

### Message from the Guest Editor

Certain eukaryotic cells are characterized by a pronounced intrinsic polarity to their structure. Polarized epithelial cells, such as those lining much of the respiratory tract and gut, have an apical cell surface that is exposed to the lumen, and a basolateral surface that is in contact with adjacent cells and the underlying basement membrane. Neurons are another type of polarized cell, with axons being structurally and functionally distinct from the neuronal cell body. The interactions of viruses with polarized cells reflect the distinct nature of the polarized surfaces and internal polarized structure of these cells. Deciphering the mechanisms underlying these interactions is important for a comprehensive understanding of how viruses infect their host. The goal of this Special Issue, which is open to all types of manuscripts (e.g., research articles, methods papers, reviews), is to highlight new discoveries regarding interactions of viruses with polarized cells, including specialized techniques that aid in such studies.

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### Guest Editor

Prof. Dr. Angela Pearson

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### Deadline for manuscript submissions

closed (31 December 2021)



## Viruses

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## About the Journal

### 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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### 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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2024).