



## Viroporin

Guest Editor:

**Prof. Dr. Isaiah Arkin**

The Alexander Silberman  
Institute of Life Sciences, The  
Hebrew University of Jerusalem,  
Edmond J. Safra Campus - Givat  
Ram, Jerusalem 9190401, Israel

Deadline for manuscript  
submissions:

**closed (28 February 2023)**

### Message from the Guest Editor

The COVID-19 pandemic has taught us that viruses may have been overlooked as a global health threat. Hence, there is a need to gain a deeper understanding of virus biology which may aid our effort to curb any ensuing infectivity. Furthering our knowledge of viral ion channels (also known as viroporins) represents an important advance along this path.

As a family, viroporins share little in common with one another, other than their relatively small sizes and namesake channel activity. Hence, many members of the family harbor an entirely distinct structure function relationship leading to varied pharmacological inhibition patterns. This may be one of the reasons that they are less characterized in comparison to other viral proteins such as polymerases and proteases.

The studies reported in this Special Issue employ a wide range of techniques and approaches. Together, they cast significant light onto this diverse family of proteins.





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, Grosspeteranlage 5  
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)