



viruses



an Open Access Journal by MDPI

IFN-Independent ISG Expression and Its Role in Antiviral Cell-Intrinsic Innate Immunity

Guest Editors:

Dr. Emmanuel Thomas

Department of Microbiology and Immunology, University of Miami Miller School of Medicine, USA

Dr. Takeshi Saito

Department of Medicine, Molecular Microbiology & Immunology, and Pathology, University of Southern California, Keck School of Medicine, USA

Deadline for manuscript submissions:

closed (15 July 2019)

Message from the Guest Editors

Dear Colleagues,

This Special Issue of *Viruses* will explore the impact of VSGs on the outcome of virus infection and of the role of these genes within the infected cells and organism. We will also focus on the most recent discoveries in VSG research, including the molecular biology of related virus–host interactions. Topics may include studies on various steps of gene induction, virus adaptation to VSGs, innate immune responses to virus infection, and mechanisms of virus immune evasion of related host defense pathways. The clinical presentation of VSG-driven pathology and strategies to use VSGs to cure chronic viral infections will also be a focus. In this Special Issue, we hope to assemble a collection of research papers/reviews that together will offer a comprehensive view on VSGs. Topics can include any aspects of VSGs and related biology; however, priority will be given to publications that utilize primary or iPSC derived-cells and/or patient samples/mouse models to validate data from in vitro studies.

Dr. Emmanuel Thomas

Dr. Takeshi Saito

Guest Editors



mdpi.com/si/18225

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, Grosspeteranlage 5
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)