

Special Issue

Viruses Associated with Gastroenteritis

Message from the Guest Editors

It is estimated that 50–70% of all cases of infectious acute gastroenteritis (AGE) worldwide are caused by viruses. Noroviruses, rotaviruses, adenoviruses and astroviruses are the main causative agents, accounting for 3–5 billion cases and 1.5 million deaths per year; these particularly affect children in low and middle-income countries (LMIC) with poor access to safe water, sanitation and health care infrastructure. This Special Issue will focus on the mechanisms implicated in the pathogenesis of viruses associated with acute gastroenteritis, with an emphasis on their pathophysiology, virus tropism and replication, vaccine design and production, preventive measures, the development of new therapeutic approaches, the immune response, differential laboratory diagnosis, the role of the microbiota, host genetic factors, molecular epidemiology, and surveillance.

Guest Editors

Dr. Celso Cunha

Institute of Hygiene and Tropical Medicine, NOVA University, Lisbon, Portugal

Dr. Claudia Istrate

Interdisciplinary Center for Research in Animal Health (CIISA), Faculty of Veterinary Medicine, University of Lisbon, Lisbon, Portugal

Deadline for manuscript submissions

closed (31 October 2025)



Viruses

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/216589

Viruses
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
viruses@mdpi.com

mdpi.com/journal/

[viruses](https://mdpi.com/journal/viruses)





Viruses

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.7
Indexed in PubMed



[mdpi.com/journal/
viruses](https://mdpi.com/journal/viruses)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Viruses* (ISSN 1999-4915). *Viruses* is published in open access format—research articles, reviews and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Viruses* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Dr. Eric O. Freed

HIV Dynamics and Replication Program, Center for Cancer Research,
National Cancer Institute, Frederick, MD 21702-1201, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, and other databases.

Journal Rank:

JCR - Q2 (Virology) / CiteScore - Q1 (Virology/Infectious Diseases)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.6 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2025).