Special Issue

Retroviral Enzymes

Message from the Guest Editor

The retroviral RNA genome encodes for three enzymes essential for virus replication: (i) the viral protease (PR), that converts the immature virion into a mature virus through the cleavage of precursor polypeptides; (ii) the reverse transcriptase (RT), responsible for the conversion of the single-stranded genomic RNA into double-stranded proviral DNA; and (iii) the integrase (IN) that inserts the proviral DNA into the host cell genome. All of them are important targets for therapeutic intervention. Knowledge on their structure and mechanism of action should help us to design better drugs against AIDS and other diseases caused by retroviruses. Dr. Luis Menéndez-Arias

Guest Editor

Dr. Luis Menéndez-Arias

Centro de Biología Molecular "Severo Ochoa", Consejo Superior de Investigaciones Científicas (CSIC), Universidad Autónoma de Madrid, c/ Nicolás Cabrera 1, Campus de Cantoblanco, 28049 Madrid, Spain

Deadline for manuscript submissions

closed (30 December 2009)

Viruses

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 7.7
Indexed in PubMed

mdpi.com/si/249

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

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

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.

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).