Special Issue

Molecular Genetics of Retrovirus Replication

Message from the Guest Editors

Within a period of little more than ten years, there were two transformative events that changed the retrovirus field and resulted in a major expansion of the retrovirus scientific community. The first event was the discovery of reverse transcriptase in 1970. The second event was the emergence of AIDS, initially a mysterious immunodeficiency disease that led to a global pandemic and was shown to result from infection by a novel human retrovirus called HIV. Most importantly, these two events occurred at a time when advanced molecular technologies including molecular cloning were being developed. This Special Issue will focus on the "Molecular Genetics of Retrovirus Replication" and highlight current trends in retrovirus research. We invite submission of reviews on relevant subjects such as molecular analysis of events in the virus replication cycle, protein-nucleic acid interactions, structural analysis, and the activity of host factors that influence virus replication. Consideration of future directions of retrovirus research would also be welcome.

Guest Editors

Dr. Judith G. Levin

Prof. Dr. Karin Musier-Forsyth

Dr. Alan Rein

Deadline for manuscript submissions

closed (30 September 2021)

Viruses

an Open Access Journal by MDPI

Impact Factor 3.8
CiteScore 7.3
Indexed in PubMed

mdpi.com/si/60173

Viruses
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 3.8
CiteScore 7.3
Indexed in PubMed

mdpi.com/journal/viruses

MDPI

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, AGRIS, and other databases.

Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2024).