Special Issue

Drug-Repositioning Opportunities for Antiviral Therapy

Message from the Guest Editor

In this Special issue, a special emphasis will be given to the investigation of drug repurposing as a novel antiviral strategy to combat emerging and re-emerging viral diseases. Drug repurposing, also known as redirecting, repurposing, repositioning, and re-profiling, is an alternative to the classical process of development of antivirals. This process can be very useful in emergencies, such as the one currently caused by Covid-19. The drug repurposing approach has identified some promising drug candidates for different viral diseases like Ebola, ZIKA, dengue, influenza, HIV. herpes simplex virus (HSV), CMV, and Covid-19 infections. This Special issue aims to explore drug repurposing as an approach to find candidate antiviral agents within a short span of time to overcome the challenges of drug development and the global threat of emerging and re-emerging viral infectious diseases. We welcome original research and comprehensive review articles presenting recent progress, challenges, and future perspectives of drug repurposing in antiviral drug discovery.

Guest Editor

Prof. Dr. Graciela Andrei

Rega Institute, Department of Microbiology, Immunomogy & Transplantation, KU Leuven, Leuven, Belgium

Deadline for manuscript submissions

closed (20 December 2020)



Viruses

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 7.7 Indexed in PubMed



mdpi.com/si/42051

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



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).

