Special Issue

Diversity and Evolution of HIV and HCV

Message from the Guest Editor

Human immunodeficiency virus (HIV) and hepatitis C virus (HCV) are two highly variable RNA viruses that cause chronic infections in humans. Although HCV likely preceded the AIDS epidemic by some decades, the global spread of both viruses is a relatively recent event. Nevertheless, since their introduction into the human population, both viruses have greatly diversified. Importantly, millions of individuals have been infected or coinfected by these two viruses, with corresponding effects on mortality and morbidity. The diversity and genetic structure of HIV and HCV populations has determined their rapid adaptation and spread. HIV and HCV diversity has not only impacted their spread, but also their pathogenesis and therapeutics. Nowadays, there are good antivirals to combat HIV and HCV. However, in the midterm, no vaccines against these two viruses are likely to be available for clinical use. Moreover, HIV has no curative therapy. This Special Issue will focus on how HIV and HCV diversity has impacted the evolution of these viruses as well as on how virus diversity will shape their further spread, pathogenesis, and therapeutics.

Guest Editor

Dr. Miguel A. Martínez

IrsiCaixa, Hospital Universitari Germans Trias i Pujol, Universitat Autònoma de Barcelona (UAB), 08916 Badalona, Spain

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

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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

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