



genes



an Open Access Journal by MDPI

HIV–Host Interactions

Guest Editors:

Dr. Ma Luo

1. National Microbiology Laboratory, Public Health Agency of Canada, Winnipeg, MB, Canada

2. Department of Medical Microbiology, University of Manitoba, Winnipeg, MB, Canada

Dr. Binhua Liang

Biochemistry & Medical Genetics, University of Manitoba, Winnipeg, MB, Canada

Deadline for manuscript submissions:

closed (30 April 2019)

Message from the Guest Editors

Since the 1980s, an estimated 77 million people globally have been infected with HIV-1 and more than 35 million have died of HIV/AIDS. Currently, there is no effective vaccine against HIV-1. Like other viruses, HIV depends on the host to reproduce and survive. A comprehensive understanding of HIV–host interactions is the key to developing effective HIV vaccines and preventative measures to avert new infections, to effectively care for the millions who have already been infected, and to eventually end the HIV pandemic.

This Special Issue on “HIV–Host Interactions” will cover all specific subjects concerning virus–host interactions, including:

- viral mutation and fitness;
- the influence of host genetic factors;
- host restriction factors;
- host adaptive and innate immune factors in HIV infection and disease;
- HIV and host interactions in the era of anti-retroviral drug treatment;
- HIV mutation, adaptation and evolution;
- new genetic, immunological, bioinformatical technologies to investigate HIV and host interactions.

For further reading, please visit the [*Special Issue website*](#).



mdpi.com/si/20667

Special Issue



genes



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan

Department of Pathology, The
University of Alabama at
Birmingham, 1825 University
Blvd, SHEL 814, Birmingham, AL
35294-2182, USA

Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

Why not consider *Genes* for your next genetics paper?

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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

Journal Rank: JCR - Q2 (*Genetics & Heredity*) / CiteScore - Q2 (*Genetics*)

Contact Us

Genes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/genes
genes@mdpi.com
[X@Genes_MDPI](https://twitter.com/Genes_MDPI)