

Special Issue

HIV–Host Interactions

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](#).

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Deadline for manuscript submissions

closed (30 April 2019)

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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving 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?

Editor-in-Chief

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