Special Issue

Human T-Cell Leukemia Virus (HTLV) Infection and Treatment: 2nd Edition

Message from the Guest Editors

We invite you to contribute original research or review to this Special Issue of Viruses that will highlight advances in HTLV-1 research.

The first human retrovirus human T-cell leukemia virus type 1 (HTLV-1) was identified in 1980. As a retrovirus, HTLV-1 integrates into the host genome and causes a persistent lifelong infection. HTLV-1 causes an aggressive fatal malignancy known as adult T-cell leukemia/lymphoma (ATLL), the neurodegenerative disease HTLV-associated myelopathy/tropical spastic paraparesis (HAM/TSP), HTLV-1 associated uveitis, infectious dermatitis and inflammatory conditions. In addition, HTLV-1 infection is associated with a higher mortality and morbidity.

Despite being investigated for over 40 years, many fundamental questions in HTLV-1 pathogenesis remain unresolved. In this Special Issue, we will focus on the most recent advances in understanding the mechanism of HTLV infection, with an emphasis on treatment and diagnosis. We will also focus on new developments in biomarkers, prevention, animal models and disease pathogenesis.

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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

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