Special Issue

Intra-patient Viral Evolution and Diversity

Message from the Guest Editors

Viruses can persist in latent or replicating forms for weeks to years and even lifetimes in infected hosts. Viral persistence is facilitated by intra-patient viral evolution driven by many selective pressures, including adaptation to a new host, immunologic evasion and escape, tissue and cell tropism, and drug resistance, to name a few. Understanding intra-host viral evolution has revealed mechanisms for viral persistence and pathogenesis and contributed to the development of antivirals and preventive and therapeutic vaccines. In this Special Issue, *Intra-patient Viral Evolution*, we aim to provide original research and review articles describing how viruses including HIV, SARS-CoV-2, Ebolavirus, HCV, HTLV, and more evolve in the host and how these evolutionary patterns can be used to understand their persistence and pathogenesis and reveal new targets for the development of new treatments and curative strategies. We are pleased to invite you to submit an original research article or a review paper on or related to intra-patient viral evolution. We look forward to receiving your contributions.

Guest Editors

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About the Journal

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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