Special Issue

Molecular Biology of RNA Viruses

Message from the Guest Editors

RNA viruses infect humans, animals, plants, and other microorganisms, and medically and agriculturally important RNA viruses have caused immeasurable health problems and socioeconomic losses worldwide. RNA viruses are diverse mostly in their genomic organization but commonly use error-prone RNA dependent RNA polymerase for their genome replication. Understanding the molecular virology of RNA viruses is vitally important for the study of the viral life cycle, which is a sophisticated landscape of virus-host interactions, and will lay the foundation for the development of strategies of therapeutics, prevention and control. Research on the molecular biology of RNA viruses has achieved great progression, especially in animal and human pathogenic RNA viruses. Scientists worldwide have developed new technologies or adopted state-of-the-art technology and interdisciplinary concepts to study RNA viruses. Accumulating research outcomes have rapidly improved our understanding of the molecular biology of RNA viruses.

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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.

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