Special Issue

Pathogenesis of Emerging Viral Infections

Message from the Guest Editors

Emerging viruses pose a significant threat to global human and animal health, and outbreaks of these pathogens are increasing in frequency due to changing socio-economic, environmental, and ecological factors. In recent years, multiple zoonotic viruses, including Ebola virus, Middle East respiratory syndrome coronavirus, and Zika virus, have emerged or re-emerged as public health threats. In outbreak 'hotspots', limitations in resource capacity or control often hamper timely and effective medical and public health response efforts. Further, emerging viral infections often induce severe illness, with few or no available therapies to limit disease morbidity and mortality. Improved insight into the molecular processes that contribute to organ injury and repair is needed to guide optimal care and the development of efficacious therapies. To this end, better integration of basic and clinical research efforts is required to accelerate breakthrough translational research.

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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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