Special Issue

Animal Models for Viral Diseases

Message from the Guest Editors

In this scheme, the use of animal disease models lies between experiments that aim to reconstruct of aspects of disease and tissue architecture using in vitro tissue culture methodologies, and as far as it is possible, the clinical evaluation of disease in infected human patients. It has often been the case, that virus disease-associations seen in humans, do not extend unmodified to their animal virus counterparts. To use these models requires a clear appreciation of the limitations of the chosen approach. More recently, the use of humanised mice has allowed the direct analysis of human viruses in human cells in the context of a whole animal, and has also been used to understand interaction with a humanised immune system. The increasing sophistication of such models is providing new insight into disease mechanisms, and the development of therapeutic approaches to control infection.
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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.

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