



viruses



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Animal Models for Viral Diseases

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Message from the Guest Editors

Dear Colleagues,

In this scheme, the use of animal disease models lies between experiments that aim to reconstruct 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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Guest Editors



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Message from the Editor-in-Chief

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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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