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Viral Cycle and Cell Host Interactions of Equine Viruses

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Message from the Guest Editor

Dear Colleagues,

Environmental changes, human and animal demography, pathogen changes, and farming practices are among the factors that lead to emerging diseases. Emerging diseases or known diseases affecting horses have economic repercussions beyond their direct health costs. Working equids (horses, ponies, donkeys, and mules) remain essential to ensure the livelihood of poor communities around the world. Some of the viruses affecting equids also infect humans, and others do not but are members of viruses families where some infect humans.

With this Special Issue, we intend to explore the viral cycle of equine viruses, to understand better their life cycle and viral–host cell interactions. This knowledge will highlight critical interactions that will help improve our understanding of the viral families that infect horses and infect other animals, including humans. The pathogenicity pathways and viral-cell host interactions identified in those studies will be a precious source of inspiration to develop future treatments for equine infectious diseases.

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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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