

Special Issue

Foot-and-Mouth Disease Virus and Other Vesicular Disease Viruses

Message from the Guest Editors

Foot-and-mouth disease (FMD) is a highly contagious viral disease characterized by vesicular lesions on the mouth and hoof, which affects more than 70 species of clove-hoofed animals including pigs, sheep, goats, and cattle and remains the single most important constraint to the international trade in live animals and animal products worldwide. The disease is caused by FMD virus (FMDV), which is a small, non-enveloped, positive-sense, single-stranded RNA virus belonging to the *Picornaviridae* family, genus *Aphthovirus*. Other vesicular viruses (non-FMDV) include Seneca Valley virus (SVV), vesicular stomatitis virus (VSV), swine vesicular disease virus (SVDV) and vesicular exanthema of swine virus (VESV), which can cause clinically indistinguishable vesicular lesions in susceptible animals. In this Special Issue, we will accept papers on all aspects of FMDV and other vesicular disease virus research. Topics include, but are not limited to, the following: virus detection and characterization, pathogenesis and persistence, virus-host interactions and immunology.

Guest Editors

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Deadline for manuscript submissions

closed (15 December 2022)



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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.

Editor-in-Chief

Dr. Eric O. Freed

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