



## Foot and Mouth Disease Virus and Novel Vaccines Developments

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Deadline for manuscript  
submissions:

**closed (30 September 2022)**

### Message from the Guest Editor

Dear Colleagues,

Foot-and-mouth disease (FMD) is a contagious vesicular disease caused by a highly variable RNA virus (FMDV) affecting cloven-hoofed animals with severe social and economic consequences worldwide. Chemically inactivated whole virus vaccines have been used to contain the disease, but are slow acting and do not always permit distinction between infected and vaccinated animals. New rapid vaccines and emergency response measures, such as therapeutics, need to be developed to allow for rapid containment of future FMDV outbreaks in addition to methods that distinguish between infected and vaccinated animals.

This Special Issue will cover FMDV determinant of replication and pathogenesis and how this information has facilitated next-generation FMDV vaccine and biotherapeutic developments. We particularly encourage the submission of manuscripts focused on improved control strategies addressing important gaps of the current inactivated FMDV vaccine including, but not limited to, duration of immunity, crossreactivity, correlates of protection, early protection, antigen load, immunization responses, and safer marker vaccines.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

*Vaccines* (ISSN 2076-393X) has had a 6-year history of publishing peer-reviewed state of the art research that advances the knowledge of immunology in human disease protection. Immunotherapeutics, prophylactic vaccines, immunomodulators, adjuvants and the global differences in regulatory affairs are some of the highlights of the research published that have shaped global health. Our open access policy allows all researchers and interested parties to immediately scrutinize the rigorous evidence our publications have to offer. We are proud to present the work and perspectives of many to contribute to future decisions concerning human health.

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