

February 12, 2015



Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 15063-review.doc).

Title: Diagnostic assays developed for the control of Foot-and- Mouth Disease in India

Author: Gaurav Kumar Sharma, Sonalika Mahajan, Rakesh Matura, Saravanan Subramaniam., Rajeev Ranjan, Jitendra Biswal, Manoranjan Rout, Jajati Keshari Mohapatra, Bana Bihari Dash, Aniket Sanyal, and Bramhadev Pattnaik

Name of Journal: *World Journal of Virology*

ESPS Manuscript NO: 15063

The manuscript has been improved according to the suggestions of reviewers.

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer

- (1) Please consider a general introductory section on all available assays that are being employed globally for detection of FMDV by getting use of recent review articles and their provided citations before focusing on specific applications in INDIA

General introductory sections on all available assays employed globally have been discussed in the relevant sections and references have been cited.

- (2) In Conclusion section, please try to compare what is being done generally throughout the world and in specific in INDIA and suggest your opinions.

In conclusion section, a paragraph have been added mentioning the future prospect of FMD diagnosis in India in comparison to the other assays developed in the world.

- (3) Please provide proper reference for section 1 within the text (FMD virus detection in clinical materials)

Proper references have been provided in the section 1 for FMD virus detection in the clinical materials

- (4) The review article would be improved by designing a figure for the genome of the virus to describe the genes and proteins that are currently being targeted for ELISA or PCR-based diagnosis with detailed specifications.

A figure (Figure 2) have been added describing the genome of FMDV and the target regions of FMDV by various diagnostic assays.

- (5) The review article suffers from lack of Tables to summarize the provided information. Please arrange Tables to summarize provided information on diagnostic assays for detection of FMDV including columns that describe advantages and disadvantages of each assay in a comparative manner

A table (Table 3) has been added in the manuscript summarizing the parameters of various diagnostic assays along with their advantages and disadvantages.

- (6) Please provide a Title for Table 1 and 2

Titles of the table 1 and 2 have been added

(7) Please provide conclusive description for Figure 1 in its legend

Conclusive description for figures have been provided

(8) Check the grammatical errors

We have rectified the grammatical errors in the text as per the advice. Many paragraphs have been rewritten to clearly convey the meaning.

3 References and typesetting were corrected

Thank you again for publishing our manuscript in the *World Journal of Virology*.

Sincerely yours,



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