For review article

Response to Reviewer 2 Comments

1. Summary

Thank you very much for taking the time to review this manuscript. Please find the detailed responses below and the revisions highlighted changes in the re-submitted files.

We are sorry for our poor writing and appreciate your effort to reviewing our manuscript and documenting in line-detail alterations. And we did invite an editing agency (TopEdit) to help polish our article. These changes will not influence the content and framework of the manuscript. And here we did not list the changes but marked in red in the revised manuscript.

2. Questions for General Evaluation	**Reviewer's Evaluation**	**Response and Revisions**
Is the work a significant contribution to the field?		
Is the work well organized and comprehensively described?		
Is the work scientifically sound and not misleading?		
Are there appropriate and adequate references to related and previous work?		
Is the English used correct and readable?		

3. Point-by-point response to Comments and Suggestions for Authors

Comments 1: In this work, authors summarized the recent advances in studies of chrysoviruses on regulation of Fusarium response to virus infection, RNA interference, and transmission, providing a reference for analyzing the pathogenic mechanism of Fusarium spp. and discussing opportunities for research on the biocontrol of Fusarium diseases. Unfortunately, the Manuscript has no advantages comparing to the published similar review of Li P, Bhattacharjee P, Wang S, Zhang L, Ahmed I and Guo L. Mycoviruses in Fusarium Species: An Update. Front. Cell. Infect. Microbiol. 2019 9:257.doi: 10.3389/fcimb.2019.00257. No appealing ideas were showed in this manuscript. Therefore, I think this review might not be published in the Viruses journal.

Response 1: Thank you for this valuable feedback. Li et al. published a comprehensive review on various fungal viruses infecting Fusarium species. This review is exceptionally thorough, with in-depth discussion, and has important guiding significance for us. We have carefully studied this review and are determined to pay attention to the research progress of the

Fusarium **chrysoviruses**. We are very interested in Fusarium **chrysoviruses** because we notice that there are some Fusarium **chrysoviruses** isolates with high sequence similarity, which have a similar significant effect on host *Fusarium* strains. Recently, various **chrysovirus** infection-like mutants have been reported. Through utilizing these biological resources, it is expected to make breakthrough in exploring novel key factors for **chrysoviral** accumulation and **chrysovirus** transmission. Therefore, our review aims to explore in depth the potential and possible research strategies of the Fusarium **chrysoviruses** in biological prevention and control *Fusarium*-causing diseases. We have carefully revised the manuscript, hoping to highlight the above content in the review. We are very grateful for the opportunity to explain and improve our paper to you. We hope that you can review our revised manuscript again and provide constructive feedback.