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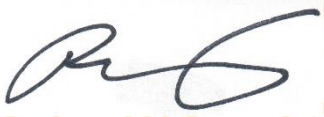
Dear Editor,

Thank you for giving us this opportunity to revise our manuscript, with a revised title "Effects of Cigarette Smoking on Influenza Virus/Host Interplay." (Manuscript ID: pathogens-1481450). We would also thank reviews for their constructive and detailed comments. By addressing these comments, the quality of our manuscript has significant improved.

In the following, please find our point-by-point response to the reviewers' comments. All the revised parts were marked in red-color font in the Main Text. We hope our revised manuscript could meet the requirements for your journal.

Thanks very much for your consideration and your help.

Sincerely yours,



Rong Hai, Ph.D.
Associate Professor of Virology

Responses to Reviewer 1's Comments:

1. Figure 2, it is not clear what is ROSs. Why was that specifically included? That needs to be specified in line 300 and figure legend. Otherwise, it is confusing.
   We have modified the manuscript based on the suggestion at, Line 308.

2. The inclusion of figure 3 is confusing as this relates only to IAV infection and not smoke. However, it is included after (and in between) the discussion and illustration of the effect of smoke on the immune response. Overall that figure is not clear on the effect of flu in obesity either, and the legend is missing. Only the title was included.
   We have removed the figure for clarity.

3. There are multiple typos and spaces missing between words that need to be corrected throughout the text.
   We have corrected the manuscript accordingly.