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September 14th, 2021.

Dear Profa. Narcisa Fabian, Assigned Editor of Viruses

Please find below our responses to the reviewers concerning our manuscript number viruses-1362318 entitled “*ZIKV infection and miRNA Network in pathogenesis and Immune Response*”.

We appreciate all the considerations and suggestions made, which we believe to have improved the overall quality of our work. Corrections made in the manuscript are shown with track changes.

We sincerely hope to have fulfilled all the requests.

REVIEWER #1

“The paper by Manganeli and Schatzmann has been revised following my indications in an appreciable way. My major concerns have been addressed at least in part”.

1 - “The chapter about miRNA biogenesis has been shortened, but is still probably too long, and some more editing could have made it better”.

We appreciate the suggestions. In this concern we have shortened the description of miRNA biogenesis.

2 - “The paragraph about miRNA function has been modified very slightly, and mechanisms which are absent or of minor significance in humans are still present. The part which has been eliminated, curiously, was probably more appropriate than other mechanisms still presented in the text”.

We appreciate the suggestions. We followed as requested by eliminating the mechanisms absent in humans and adding back the deleted part.

3 - “The chapter about miRNAs and viruses, though extensively revised, retains the presence of viruses which have nothing to do with flaviviruses (VSV, PRRSV), and in my opinion could be still somehow improved”.

We appreciate the considerations made by the reviewer. We have revised this chapter, excluding non-flaviviruses (VSV and PRRSV) from table 2 and manuscript.

4 - “Some minor points that need to be fixed”.

We have revised all the minors’ points exemplified by the reviewer including errors, typos, and references.

REVIEWER #2

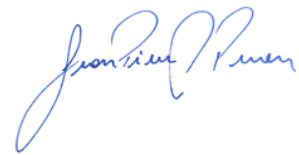
“Overall, the manuscript reads well”.

1 - “A few grammatical errors that need to be addressed”.

We apologize for the grammatical errors. We have extensively revised the manuscript and corrected errors and typos.

2 - “References. Many errors, Authors need to pay special attention to detail”.

We apologize again for the in the reference section. We have extensively revised all the references and corrected them.



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