

## ANSWERING REVIEWERS

March 30, 2021



**Dear Editor-in-Chief of**  
*World Journal of Clinical Cases*

We would greatly appreciate for your consideration of publication of our manuscript entitled "Dynamics of host immune responses to SARS-CoV-2" in the *World Journal of Clinical Cases*.

Please find enclosed the edited manuscript in Word format

**Title:** Dynamics of host immune responses to SARS-CoV-2

**Authors:** Reza Taherkhani, Sakineh Taherkhani and Fatemeh Farshadpour

**Name of Journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 62446

**The manuscript has been improved according to the suggestions of reviewers and the editor:**

**1 Format has been updated**

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

We greatly appreciated the reviewers' comments. The point-to-point responses to comments were shown as follows:

### **Reviewer Comments:**

This is a very well written review paper which analyze the dynamics of host immune responses to COVID-19, the role of effector mechanisms of the immune systems as a possible contributing factor to developing severe forms of COVID-19. The authors pay special attention to discuss the possible role of immunologic phenomena including antibody-dependent enhancement, cytokine storm and original antigenic sin in severity of COVID-19. The authors give the extensive overview about the antibody-mediated immune responses to SARS-CoV-2, have analyzed very well the possible mechanisms of antibody-dependent enhancement of SARS-CoV-2 infection and its role in the severity and mortality of COVID-19. Very useful and precise is the list of abbreviations in the beginning of the manuscript and the Figure with schematic representation of antibody-dependent enhancement of viral infections. The authors have reviewed and analyzed a sufficient amount of literature (70 references). This paper makes a contribution to studies concerning the better understanding of the mechanisms of host immune response to COVID-19.

**Response: Thank you very much for your review and the positive comments.**

Sincerely yours,

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