

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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