



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 63284

Title: Liver disorders in COVID-19, nutritional approaches and the use of phytochemicals

Reviewer's code: 05347364

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Mexico

Manuscript submission date: 2021-01-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-21 19:09

Reviewer performed review: 2021-05-01 07:14

Review time: 9 Days and 12 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent [] Grade B: Very good [] Grade C: Good [] Grade D: Fair [] Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing [] Grade B: Minor language polishing [] Grade C: A great deal of language polishing [] Grade D: Rejection
Conclusion	[] Accept (High priority) [] Accept (General priority) <input checked="" type="checkbox"/> Minor revision [] Major revision [] Rejection
Re-review	[] Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous [] Onymous Conflicts-of-Interest: [] Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

The authors have written an extensive review on the hyperinflammatory and oxidative-stress responses to COVID-19 infection focusing on liver/GI tract injury. Over the molecular mechanisms involved they focused on the nutritional and malnutritional consequence and effects of the infection. They interestingly also focused the attention on the use of vitamins, trace minerals and phytochemicals for the fight against the infection. A minor review: the chapter “Energy and nutrient recommendations” is repeated two times

Response:

Thank you very much for your comments, the repeated part “Energy and nutrient recommendations” was removed.

1 Scientific quality: The manuscript describes a review of the liver disorders in COVID-19, nutritional approaches and the use of phytochemicals. The topic is within the scope of the WJG. (1) Classification: Grade A; (2) Summary of the Peer-Review Report: The authors have written an extensive review on the hyperinflammatory and oxidative-stress responses to COVID-19 infection focusing on liver/GI tract injury. However, the chapter “Energy and nutrient recommendations” is repeated two times; and (3) Format: There are 3 tables and 5 figures. (4) References: A total of 217 references are cited, including 129 references published in the last 3 years; (5) Self-cited references: There are 5 self-cited references. The self-referencing rates should be less than 10%. Please keep the reasonable self-citations that are closely related to the topic of the manuscript, and remove other improper self-citations. If the authors fail to address the critical issue of self-citation, the editing process of this manuscript will be terminated; and (6) References recommend: The authors have the right to refuse to cite improper references recommended by peer reviewer(s), especially the references published by the peer reviewer(s) themselves. If the authors found the peer reviewer(s) request the authors to cite improper references published by themselves, please send the peer reviewer’s ID number to the



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editorialoffice@wjgnet.com. The Editorial Office will close and remove the peer reviewer from the F6Publishing system immediately. 2 Language evaluation: Classification: Grade A. 3 Academic norms and rules: No academic misconduct was found in the Bing search. 4 Supplementary comments: This is an invited manuscript. The study was supported by 3 grants. The topic has not previously been published in the WJG. 5 Issues raised: (1) The title is too long, and it should be no more than 18 words; (2) The authors did not provide the approved grant application form(s). Please upload the approved grant application form(s) or funding agency copy of any approval document(s); (3) The authors did not provide original pictures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor; and (4) Please obtain permission for the use of picture(s). If an author of a submission is re-using a figure or figures published elsewhere, or that is copyrighted, the author must provide documentation that the previous publisher or copyright holder has given permission for the figure to be re-published; and correctly indicating the reference source and copyrights. For example, "Figure 1 Histopathological examination by hematoxylin-eosin staining (200 ×). A: Control group; B: Model group; C: Pioglitazone hydrochloride group; D: Chinese herbal medicine group. Citation: Yang JM, Sun Y, Wang M, Zhang XL, Zhang SJ, Gao YS, Chen L, Wu MY, Zhou L, Zhou YM, Wang Y, Zheng FJ, Li YH. Regulatory effect of a Chinese herbal medicine formula on non-alcoholic fatty liver disease. World J Gastroenterol 2019; 25(34): 5105-5119. Copyright ©The Author(s) 2019. Published by Baishideng Publishing Group Inc[6]". And please cite the reference source in the references list. If the author fails to properly cite the published or copyrighted picture(s) or table(s) as described above, he/she will be subject to withdrawal of the article from BPG publications and may even be held liable. 6 Recommendation: Conditional acceptance.

Response.

1. We appreciate your valuable comments and suggestions and we will take into account in order to improve the manuscript.
2. Regard to the "energy and nutrient recommendations" repeated part was removed from the manuscript.



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3. Regard to the self-cited reference, we identified only three self-cites (183, 184 and 205) which correspond to 1.38% of the total 217 references used and they are all closely related with the topic of this work.
4. We are grateful for your valuable comments; we will use them to improve this work. Regard to the number of the words in the title “Liver disorders in COVID-19, nutritional approaches and the use of phytochemicals” there are a total of 11 words which is below of the upper limit 18 words.
5. In this email we attach the approved grant application form signed by all authors as you request.
6. Regard to the pictures included in this manuscript, the images are an original graphic description designed to help better understand the information contained in this manuscript. They have not been published in any other previous work. Figure 1 to 4 were created with BioRender.com. Figure 5 was design with PyMOL system.