

The Editor in Chief

World Journal of Hepatology

Dear Editor,

Enclosed please find our revised manuscript entitled “**Liver dysfunction during COVID-19 pandemic: contributing role of the associated factors in disease progression and severity**”. As suggested by the Editor, we have revised the paper. Our point-by-point replies to the reviewers are as follow:

Comment 1: The language and grammar should be checked thoroughly. Few examples

- COVID-19 should be written in uppercase throughout the manuscript
- However, there are many un answerd question which needs to answer.
- We also evaluates the findings for viral infection of hepatocytes.

Please check the manuscript for such errors.

[Answer: Thank you for the detailed review as per the suggestion we have checked the language and grammar and corrected the mistakes.](#)

Comment 2: The introduction section needs to be re-written. The introduction is vague at its present form. Please include some statistics in a bar/ pie chart form of the population infected with severe Lung infection and the number of deaths that occurred due to it.

[Ans. We have re-written the introduction portion and includes statistical data.](#)

Comment 3: Mechanisms of liver injury during COVID-19. The authors should include a **schematic representation of the mechanism**.

[Ans. We have incorporated the schematic mechanism in figure1.](#)

Comment 4: What id the source of Figure 1. Has it been created by the authors or copied from somewhere else?

Answer: "Created with BioRender.com". We have the Licensing rights for publication of this figure in the World Journal of Hepatology.

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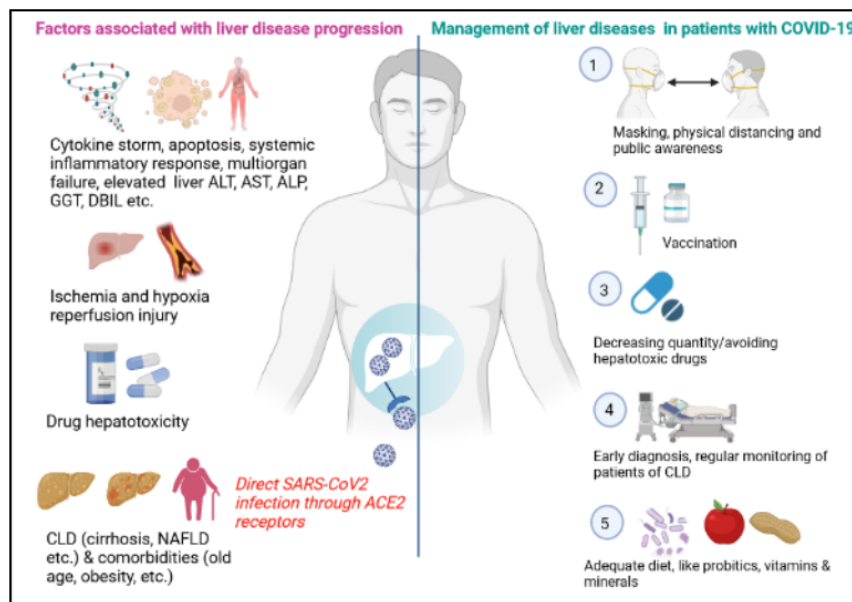
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To whom this may concern,

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Comment 5: In Future directions, why are the authors specifically commenting on the use of herbal medicines? Have the Chinese medicines made it into the clinical trials? Please include relevant statistics.

Answer. Herbal plants have medicinal properties like antiviral, antimicrobial, antibiotics etc due to bioactive compounds. Reports are there that showed efficacy of herbal plants in the prevention and treatment of the COVID-19 (Chaachouay et al., 2021; Khanna et al., 2020). The combined treatment of herbal and Western medicine also helps in reducing the treatment duration and faster recovery from COVID-19 (Ang et al., 2020). For more clarification we have added the recent findings on treatment of COVID-19 using herbal products.

Through the randomized controlled trials the integrated therapy including treatment with both Western as well as herbal medicine have also shown to faster recovery, reduce symptoms and duration of treatment time from COVID-19 (Ang et al., 2020). However, some traditional Chinese herbal medicines suspected to impose side effects and increase the disease course (Yang, 2020). The MACH-19 (Mushrooms and Chinese Herbs for COVID-19) trials are undergoing that could be used as potential adjuvant to COVID-19 vaccines (Slomski, 2021).

Comment 6: The research in liver health should be broadened. There are numerous studies on liver health, the authors should connect those findings and explain how could it help liver problems caused by COVID-19.

Ans. As per the reviewer's suggestion we have incorporated some of the reports as illustrative examples that could be alleviate the liver problems caused by COVID-19.