

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO.: 63180

REVIEW

Title: COVID-19 impact on the liver

Authors: Liliana Baroiu, Caterina Dumitru, Alina Iancu, Ana-Cristina Leșe, Miruna Drăgănescu, Nicușor Baroiu and Lucreția Anghel

Dear Editor,

Please find enclosed the resubmitted revised manuscript for the mini-review titled; COVID-19 impact on the liver; Manuscript NO.: **63180**.

We have read thoroughly all the reviewer comments with the constructive criticism which I do respect for the perfection of the manuscript.

We have taken all comments into consideration and we answered the questions and revised the text accordingly (all changes are highlighted in blue).

I am herewith attaching the revised manuscript and the point to point replies to the reviewers.

I always do appreciate very much your support.

With my best regards,

Sincerely,

Liliana Baroiu

Reply to reviewers:

1. Retrospective analysis of patients in the hospital of the authors requires the approval of ethical review and informed consent of patients.

We enclose the approval of the Hospital's ethics commission for conducting the study and we mention that all of the patients signed the informed consent (document "63180-Formal ethics document")

2. At present, there are many research papers and reviews on COVID-19 and liver injury, and the present review did not offer a more profound view.

The present paper aims to synthesize current knowledge about SARS-CoV-2 aggression on the liver, pathological lesions and bio-chemical changes resulting from this aggression, as well as personal experience on a group of 849 patients with COVID -19.

3. The author should fully discussed the association between COVID-19 and liver, especially in patients with basic liver diseases, and not only focus on liver injuries induced by the virus and therapeutic drugs, otherwise the content of the manuscript would be incomplete, especially in such a broad title.

The new subchapter introduced in the paper – "THE IMPACT OF COVID-19 ON LIVER WITH PRE-EXISTING CHRONIC INJURY" summarizes the conclusions of the clinical studies published so far on this topic.

4. More recent study results at 2021 should be cited, with particular attention to the discharged patients. Does liver injury affect their prognosis?

Patients with altered AST and ALP values, as well as those with pre-existing liver damage have a prognosis of severe evolution of COVID-19. Evidence from clinical trials has been added to this paper.