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Reviewer #1:

Scientific Quality: Grade A (Excellent)

Language Quality: Grade B (Minor language polishing)

Conclusion: Accept (General priority)

Specific Comments to Authors: The paper has certain novelty and advantages for this field research work, and has value for publishing.

We thanks the reviewer for the comments.

Reviewer #2:

Scientific Quality: Grade C (Good)

Language Quality: Grade C (A great deal of language polishing)

Conclusion: Major revision

Specific Comments to Authors: Page 2, 4th line from bottom: "The main target for this virus are the lungs, ..." should be "The main target for this virus is the lungs, ..." or "The main targets for this virus are the lungs, ..." Page 4, 2nd paragraph: Authors state "It has been hypothesized that MSC-based therapy for COVID-19 patients could prevent the production of a cytokine storm by activating the immune system, and promoting organ repair[24]." But, Reference 24 is from the year 2014. Page 10: "Even if liver injury in COVID-19 patients has been considered marginal, the incidence of liver injury in COVID-19 patients ranges from 14.8% to 53% ..." Why "marginal"? Page 11: Probably, a new paragraph should start after "(Figure 1)". Page 12: Probably, a new paragraph should start after "Reference 110". Page 12: The Conclusions section should be rewritten by more succinctly and concisely stating conclusions.

The text has been modified as requested in the new submitted form and highlighted to be more visible:

Ref 24 (2014) is referred to the MSCs immunomodulatory effect and was implemented with the ref 25 on cytokine storm we are sorry for the previously missing reference

4 LANGUAGE QUALITY

Please resolve all language issues in the manuscript based on the peer review report. Please be sure to have a native-English speaker edit the manuscript for grammar, sentence structure, word usage, spelling, capitalization, punctuation, format, and general readability, so that the manuscript's language will meet our direct publishing needs.

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(1) Science editor: 1 Scientific quality: The manuscript describes a review of the mesenchymal stromal cells secretome in liver failure. The topic is within the scope of the WJG. **(1) Classification:** Grade A and Grade C; **(2) Summary of the Peer-Review Report:** The paper has certain novelty and advantages for this field research work. However, some questions raised by the reviewers should be answered; and **(3) Format:** There is 1 table and 1 figure. A total of 126 references are cited, including 92 references published in the last 3 years. There are 4 self-citations, which are related to this title. **2 Language evaluation:** Classification: Grade C and Grade B. **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 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);

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The research project (Project number:I0000026), is a collaboration between Ismett and UPMC Overseas and it was approved by ISMETT Institutional Research Review Board with the following project identification number: IRRB/18/14

(2) 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

A Power Point document was included in the responses

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6 Re-Review: Required. 7 Recommendation: Conditional acceptance.

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(3) Company editor-in-chief: I have reviewed the Peer-Review Report, full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Gastroenterology, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors.

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