

Dear Editor and Reviewer,

The manuscript (Manuscript NO.: 60211, Minireviews) has been revised as the following a point-by-point response.

Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Accept (General priority)

Specific Comments to Authors: The authors thought that understanding the mechanism by which gut microbiota affects the development of liver diseases has led to the establishment of novel preventive and therapeutic strategies. However, the two important latest reports were omitted: 1. "Fatty liver Disease caused by High-Alcohol-Producing *Kebsiella pneumonia*", cell metabolism. 2. "Bacteriophage targeting of gut bacterium attenuates alcoholic liver disease", nature. Alcohol-producing for gut microbiota and bacteriophage therapy may be the new and perspective factor for liver disease. So the authors should add the reference and discuss these research results.

Responses: The two reports were added and discussed in the manuscript (lines 106-109 and lines 314-317).

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.

Responses: The manuscript was edited by native-English speaker and professional Professor.

5 EDITORIAL OFFICE'S COMMENTS

Authors must revise the manuscript according to the Editorial Office's comments and suggestions, which are listed below:

(1) *Science editor:* 1 Scientific quality: The manuscript describes a review of the gut microbiota mediated molecular events and therapy in liver diseases. The topic is within the scope of the WJG. (1) Classification: Grade C; (2) Summary of the Peer-Review Report: The authors thought that understanding the mechanism by which gut microbiota affects the development of liver diseases has

led to the establishment of novel preventive and therapeutic strategies. However, the two important latest reports should be added, then discuss these research results; and (3) Format: There are 2 tables and 1 figure. A total of 98 references are cited, including 32 references published in the last 3 years. There are no self-citations. 2 Language evaluation: Classification: Grade B. 3 Academic norms and rules: The authors should provide the signed Conflict-of-Interest Disclosure Form and Copyright License Agreement. No academic misconduct was found in the CrossCheck detection and Bing search. 4 Supplementary comments: This is an invited manuscript. The topic has not previously been published in the WJG. 5 Issues raised: (1) The reference's number should be put in the square bracket; (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 (3) PMID and DOI numbers are missing in the reference list. Please provide the PubMed numbers and DOI citation numbers to the reference list and list all authors of the references. Please revise throughout. 6 Re-Review: Required. 7 Recommendation: Conditional acceptance.

Responses: Conflict-of-Interest Disclosure Form and Copyright License Agreement were submitted with revised manuscript. (1) The reference format was changed. (2) Original pictures were provided in Powerpoint. (3) PMID and DOI numbers in the reference were listed and listed all the authors in the reference.

(2) Editorial office director: I have checked the comments written by the science editor. I have changed the manuscript type "review" to "minireview". The study was performed with 2 financial support. Please upload the approved grant application form(s) or funding agency copy of any approval document(s).

Responses: The approval documents of two grants were submitted with the manuscript.

(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.

Responses: The manuscript was revised according to the comments, and revised manuscript was formatted according to the following steps 6 STEPS FOR SUBMITTING REVISED MANUSCRIPT.

6 STEPS FOR SUBMITTING REVISED MANUSCRIPT

Step 1: Author Information

Please click and download the [Format for authorship, institution, and corresponding author guidelines](#), and further check if the authors names and institutions meet the requirements of the journal.

Step 2: Manuscript Information

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Step 3: Abstract, Main Text, and Acknowledgements

(a) Guidelines for revising the content: Please download the guidelines for Original articles; Review articles; and Case report articles for your specific manuscript type (Minireviews) at:

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(c) Requirements for article highlights: If your manuscript is an original study (basic study or clinical study), meta-analysis, or systemic review, the "Article Highlights" section should be provided. Detailed writing requirements for "Article Highlights" can be found in the Guidelines and Requirements for Manuscript Revision.

Step 4: References

Please revise the references according to the [Format for references guidelines](#), and be sure to edit the reference using the reference auto-analyser.

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(a) Requirements for figures: Please provide decomposable Figures (whose parts are all movable and editable), organize them into a single PowerPoint file, and submit as "**60211-Figures.ppt**" on the system. The figures should be uploaded to the file destination of "Image File".

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Response: The manuscript was revised according to the format of minireview and the COPYRIGHT LICENSE AGREEMENT and CONFLICT-OF-INTEREST DISCLOSURE FORM were submitted with the manuscript.