

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 63355

Title: Microbiota and viral hepatitis: state of the art of a complex matter

Reviewer's code: 03021264

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Serbia

Manuscript submission date: 2021-02-02

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-02-19 13:46

Reviewer performed review: 2021-02-26 12:26

Review time: 6 Days and 22 Hours

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 Grade E: Do not publish |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

SPECIFIC COMMENTS TO AUTHORS

There is strong evidence that the gut microbiota impacts all stages of liver disease progression: from simple steatosis, steatohepatitis, to cirrhosis and HCC. 1, In the first part "Gut microbiota in healthy and pathologic liver", the discussion was not clear enough, and did not point out the characteristics and differences of GM between healthy and liver disease patients, and the content did not match the title. 2、 Is there a difference between the intestinal flora of hepatitis B patients and hepatitis C patients? Can you discuss the reason for the difference ? 3、 This review article only discuss the GM change in hepatitis, cirrhosis, liver cancer, I think it is better to review the mechanistic links between GM and liver disease 4, Are there other treatments for liver disease based on GM?