PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

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Title: Brain-Gut-Liver interactions across the spectrum of insulin resistance in metabolic fatty liver disease

Reviewer's code: 04067131

Position: Peer Reviewer

Academic degree: PhD

Professional title: Research Scientist

Reviewer's Country/Territory: China

Author's Country/Territory: Italy

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Reviewer chosen by: Ya-Juan Ma

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Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [Y] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The authors focused on the new insight on the brain-gut-liver axis in the MAFLD, which is a novel and interest topic. However,there is still some content need to be improved.

1、The introduction in the paragraph of "MAFLD-insulin resistance-inflammation: a vicious circle" pays more attention to pathological changes and the relationship between pathological indicators.Lack of introduction to the vicious circle. 2、There are still more causes of gut microbiota, which should be summarized further in "Gut-Microbiota" part。 3、With the subtitle of "Tissue targeted animal models", the following content should involve model construction and comparison; It could be changed to "the results of tissue targeted animal models".