

According to the comments of reviewers, we have revised our manuscript.

We believe this manuscript would satisfy the reviewers' comments and be of great interest to a broad range of the readership of your journal. We hope you will give favorable consideration to this manuscript and find the article acceptable for publication in your journal.

Following are the point by point responses to the comments of Reviewers

### **Comments of Reviewer 1**

**I have substantial concerns regarding this manuscript: 1. The overall structure of the manuscript is complete. 2. This is the manuscript that attempts to reveal the relationship between *H. pylori* infection and liver disease. 3. Methods Please describe any efforts to address potential sources of bias and limitation of the studies. 4. Discussion Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias. Overall, this manuscript have not been new knowledge. Please at the end of discussion summarizing the work/describing conclusions and pointing out the future directions in the field. 5. I have minor concerns regarding the English language used in this manuscript.**

Thank you for these important comments.

Firstly, we added limitations of this manuscript such as the publication bias and confounding factors in the "CONCLUSIONS".

Secondly, regarding the new knowledge, we have to recognize that there is no new finding in our manuscript, because the main purpose of this manuscript is reviewing the published literatures.

But, we carefully summarized existing findings about *H. pylori* and liver diseases from a rather critical point of view. We believe this attitude is scientifically important.

Thirdly, we added future directions in this field in the “CONCLUSIONS”.

Finally, concerning the English language, this manuscript was edited and certified by English native (Nature Research Editing Service).

### **Comments of Reviewer 2**

**The review of the manuscript: *Helicobacter pylori* infection and liver diseases: Epidemiology and insights into pathogenesis, submitted by Kazuya Okushin et al. The authors have written a comprehensive and detailed review about possible association between *H. pylori* and liver diseases. Comment: 1. The authors should add a table with relevant studies regarding individual diseases (NAFLD etc.). In the table the basic information's regarding the study and results should be written.**

Thank you for this important comment. According to the reviewer's comment, we sorted out the references again and added 2 references (95 and 99). And, we prepared Tables with relevant studies about each liver disease (Table 1 and Table 2).

### **Comments of Reviewer 3**

**The authors have reviewed good studies for “Helicobacter pylori infection and liver disease: Epidemiology and insights into pathogenesis” and have submitted a well-written manuscript. It has great value in understanding the association between liver disease and H. pylori infection. Minor comment Please change the subtitle “*H. pylori* and viral hepatitis” to “*H. pylori* and chronic hepatitis or cirrhosis”.**

Thank you for an important comment. According to the reviewer’s comment, we changed the subtitle “*H. pylori* and viral hepatitis” to “*H. pylori* and chronic viral hepatitis or cirrhosis”. And, we also added the word “chronic” to the main text.