

Response to Reviewer 1 Comments

Dear Reviewer

Thank you very much for review our manuscript

Our answers:

1. The language of this manuscript should be improved.

We corrected English language

2. Introduction: This sentence is not accurate: There are two problems of inefficiency of standard eradication schemes: the antibiotic resistance of microbe and the side effects of therapy. Some issues still remained: such as low compliance caused by complex regimen or subjects, high density of *H. pylori* located in the stomach, bacterial internalization etc. I believe that the increased antibiotic resistance is the main factor leading to the inefficiency of standard eradication regimen. Scheme should be replaced by regimen. What is the definition of standard eradication regimen? Triple therapy, quadruple therapy?

We corrected the introduction text.

3. Line 54: anti-helicobacter therapy replaced by anti-*H. pylori* therapy. *Helicobacter* contains multiple of bacteria.

Done

4. The addition of probiotics in the regimens could improve the compliance? Why? Because it could decrease the side effect rate? The authors need to mention it in the manuscript.

We made the correction.

5. Figure 1 could be revised as a schema. Done

6. The benefit of the addition of probiotics in regimens include that it could restore the alterations of gut microbiota induced by antibiotics or PPI in the regimens. Multiple studies have investigated this. The authors should add the relevant information in the manuscript to comprehensively illustrate the role of probiotics in the regimens.

Done

7. Actually, different international consensus indicated different recommendations. Such as Toronto consensus. A summary of recommendations of consensus are needed.

We include information about Toronto consensus

Response to Reviewer 2 Comments

Dear Reviewer

Thank you very much for review our manuscript

A very educational, well-structured review article on the latest findings in the role of probiotics in the eradication of *Helicobacter pylori*. The authors presented the possible mechanisms of action of probiotics, and the successes of *Helicobacter pylori* eradication with and without them

We are very pleased to receive high assessment appreciation of our work.