Reviewer #1:

Please recheck few grammer mistakes. Please define all terms like postbiotics, synbiotics that are used in the manuscript. It would look more impressive with the addition of side effect of gut microbiome supplementation.

**Response:** Thank you for your review and your valuable feedback. A few grammar mistakes have been corrected. All terms in the paper have been defined. The side effects of bacteria also need to be considered, and it will be another focus of research. And added in the paper. When probiotics are supplemented, side effects may be caused. Probiotics are not released in the stomach but play a role in the intestine. When excessive probiotics are supplemented, it will cause intestinal dysfunction. In addition, in some patients with severely damaged intestinal barrier, bacteria easily break through the intestinal barrier into the blood, causing infection.