

Dear reviewers,

We are glad you appreciate our work.

We applied your suggestion, changing some paragraphs and deepening some aspects.

Below you can find our detailed response to the comments.

Our best regards

Prof. A. Gasbarrini

- I reviewer

*One paragraph is too short. More descriptions and explanations are needed. Please explain the relation among the development or characteristics of ASD and description from references in introduction. As this is a review article, at least two or more references are necessary to describe an evidence. I could not find the tables or figures? It is better to describe about the perspectives and limitation.*

- We reviewed the article by changing the structure of certain paragraphs.
- We deepened the topic and updated it with articles of recent months.
- We insert Table 1.
- We have expanded conclusion paragraph with our perspectives.

- II reviewer

*The structure of each section can be improved. There are too many short paragraphs. It has been reported that FMT improved sexual function in patients with Crohn's disease. This clinical finding might indicate the possible novel evidence of gut microbiota related to depression/mood. In the first paragraph of the page 9, "Despite it had been sporadically used in ancient times, its first application in contemporary medicine dates back 1958", should be highlighted as "..., its first application in contemporary medicine in English literature dates back 1958." The reference 80 was missed. According to the text, it is very important.*

- We reviewed the article by changing the structure of certain paragraphs.
- We deepened the topic and updated it with articles of recent months.
- We insert the article "Cui B, et al. Fecal microbiota transplantation through mid-gut for refractory Crohn's disease: safety, feasibility, and efficacy trial results." on FMT section, highlighting the results suggested.
- We change the period as suggested.
- We can see del reference 80 also in the previous version, but for sure we have insert it again.