

Dear Editor,

Thank you very much for your valuable comments and suggestions on our manuscript.

Enclosed, please find our copy of the revised manuscript entitled “Brain changes in patients with Crohn’s Disease detected by functional magnetic resonance imaging and spectroscopy”. Amendments and changes were made as suggested by the previous reviewers. We hope the revised version will now be suitable for publication in the *World Journal of Gastroenterology*.

Our point-to-point response to the reviewers is enclosed in this letter.

We thank you for your continuing consideration and look forward to hearing from you soon.

Thank you and best regards,

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Reviewer 1 - **code: 03261315**

Comments to the Author

The review entitled -Brain changes in patients with Crohn's Disease detected by functional magnetic resonance imaging and spectroscopy- by Lv K et al. is an interesting paper regarding the neurologic disorders in patients with intestinal inflammation detected by BOLD-fMRI. The subject is new and promising. The introduction and discussions are well and clearly write. The references were well selected and up-dated. From my point of view is suitable for publication.

***Response:** We thank the reviewer for their positive comments.*

Reviewer 2 - **code: 00068278**

Comments to the Author

In the presented article the possible relationship between brain changes in patients with CD detected by functional MRI and spectroscopy and intestinal microbiota has been reviewed. It is a comprehensive review. Minor issues:

1-The article needs language polishing (see the attached file)

2-Brain-gut-enteric axis has been used repeatedly. Although the same expression has been used some published articles, is it necessary to add (-enteric)?

3-ROLE OF MICROBIOTA IN ONSET AND DEVELOPMENT OF CD; the first sentence must be corrected because the microbiome refers to all of the genetic material within a microbiota, not to the microorganism.

***Response:** We thank the reviewer for their comments.*

1-The manuscript has been revised and polished by a native English-speaking language editor.

2-For the sake of clarity, we have decided to keep the naming as brain-gut-enteric axis. This ensures both coherence and consistency throughout the manuscript.

3-The first sentence has been corrected according to the reviewers' comment and highlighted in the revision.

Editor Comments

The text has been amended according to the Editor's suggestions and all the revisions made have been highlighted in the final version of the manuscript.

Response: *We thank the editor for comments of our manuscript.*

The language of this manuscript have polished and the language certificate have been provided in PDF format,

The ESPS Manuscript number has been inserted,

The copy of Grant application forms have been provided in PDF format

The part of conclusion have added and highlighted,

Reference list has been checked and no repeated references,

The figures have been provided in PPT file,

An Audio Core tip file has been provided as requested,

The results of entitled 'Brain changes in patients with Crohn's Disease detected by functional magnetic resonance imaging and spectroscopy' have searched in Google and Google Scholar, and screenshot images of the results have been provided in PDF format,

Finally, the final version has checked according to the Guidelines and Requirements of Manuscript Revision-Review.