

Name of journal: World Journal of Gastrointestinal Pathophysiology

ESPS Manuscript NO: 20841

Manuscript Type: REVIEW

RESPONSE TO REVIEWERS

Editor comments

- A conflict-of-interest statement is required for all article and study types. **Conflict-of-interest statement added.**
- Please offer the audio core tip. **Audio core tip uploaded.**
- Please put the reference numbers in square brackets in superscript. **Corrected.**
- Please add PubMed citation numbers and DOI citation to the reference list and list all authors. **Corrected.**

Reviewers' comments:

Reviewer #1:

In this review authors discussed the role of the host-microbiome interaction in the pathogenesis of Crohn's disease. Major concerns:

- The authors should add the response of regional immunoreaction , eg mucosal immunoresponse in the development of CD. **Corrected.**
- The authors should also discuss the changes of microbial species which were involved in the abnormal mucosa permeability in the development of CD. **Corrected.**

- The authors implied that familial and sporadic CD should be regarded as different entities in the conclusion section. Authors should stress the differences in genetic background between familial and sporadic CD in the aforementioned section. **Corrected.**
- English should be further polished. **Corrected.**

Reviewer #2:

The authors provide a comprehensive review of the familial aspects of Crohn's disease. They discuss the risk, genes, serological markers, intestinal permeability and also environmental factors.

- This is well written except for some very minor language problems. **Corrected.**
- I think some more detail on the fecal microbiome and its influence on IBD is needed and also some mention of the data on fecal transplantation as a treatment for IBD. **Corrected.**

Reviewer #3:

No comments to make.