

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Pathophysiology

**Manuscript NO:** 61638

**Title:** Neuroimmunomodulation by gut bacteria: Focus on Inflammatory Bowel Diseases-1

**Reviewer's code:** 00503545

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Director, Doctor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** India

**Manuscript submission date:** 2020-12-14

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2021-01-04 09:24

**Reviewer performed review:** 2021-01-10 10:16

**Review time:** 6 Days

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

In this paper, the authors reviewed the existing knowledge on the role of neuromediators governing the pathogenesis of IBD, focusing on the reciprocal relationship among the gut microbiota, neuromediators, and host immunity. This review is well written and the contents of the paper are very interesting in terms of better understanding of the pathophysiology and the new therapeutic approaches for IBD. I only suggest one item which might strengthen the work. I think that it is better to add a Table in which twelve neuromediators described in the text are briefly summarized.