

Dear Editor,

We thank the reviewers and editorial team for taking their efforts to improve the article to increase its value for publication. Herewith we submit the revised version of the article addressing the reviewer's comments and the action taken for their valuable suggestions has been mentioned below.

<b>Reviewer 1 Comments</b>	<b>Authors Reply</b>	<b>Action Taken</b>
the author needs comprehensive literature review before writing this review as During the recent years, there has been an increasing number of review articles published on the curcumin and gut microbiota including : 1."The Modulatory Effects of Curcumin on the Gut Microbiota: A Potential Strategy for Disease Treatment and Health Promotion" <a href="https://doi.org/10.3390/microorganisms12040642">https://doi.org/10.3390/microorganisms12040642</a> 2. "Interaction between Gut Microbiota and Curcumin: A New Key of Understanding for the Health Effects of Curcumin", <a href="https://doi.org/10.3390/nu12092499">10.3390/nu12092499</a> 3."Curcumin, Gut Microbiota, and Neuroprotection" <a href="https://doi.org/10.3390/nu11102426">https://doi.org/10.3390/nu11102426</a> 4. "Curcumin-driven reprogramming of the gut microbiota and metabolome ameliorates motor deficits and neuroinflammation in a mouse model of Parkinson's disease" <a href="https://doi.org/10.3389/fcimb.2022.887407">https://doi.org/10.3389/fcimb.2022.887407</a> then why the author choose the same area for review article. novelty should be the part of every review article which is missing here in the manuscript.	Thanks for the comment	Addressed
Review article must be of sufficient length, as curcumin is most widely studied phytochemical and broad range of information is available in the literature, which should be added in the introduction section such as, structure, pharmacological activities (discuss it individually).	Thanks for the comment	Addressed
As manuscript is mainly focused on the Gut, curcumin's role in multiple GIT diseases should be individually discussed.	Thanks for the comment	Addressed
Numbering should be done with heading for easy understanding.	Thanks for the comment	Addressed
All scientific names e.g, names of microorganisms etc should be italicized.	Thanks for the comment	Addressed
Manuscript need revision for grammatical errors.	Thanks for the comment	Addressed

More attractive figure could be added to enhance its value.	Thanks for the comment	Addressed
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