

Review Form 3

Journal Name:	Asian Journal of Research and Reports in Gastroenterology
Manuscript Number:	Ms_AJRRGA_122078
Title of the Manuscript:	Tocopherol Alleviates Exacerbation of Colitis Due to Cadmium Exposure in Wistar Rats: A Biochemical and Histological Study
Type of the Article	Method Article

[Review Form 3](#)

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript is of great importance to the scientific community as it reveals the potential of vitamin E as an intervention strategy to mitigate oxidative stress and inflammation caused by cadmium exposure and colitis. The study not only provides new insights into the role of vitamin E in preventing and treating cadmium toxicity but also paves the way for further exploration of vitamin E as a possible strategy to combat health issues arising from environmental pollutants. Personally, I find this research valuable because it integrates knowledge from toxicology, nutrition, and pathophysiology, helping us better understand how vitamin E can alleviate diseases caused by heavy metals.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract of the article is generally comprehensive, providing a good overview of the study's aims, design, methods, and key findings. However, there are a few points that could be added or clarified to make the abstract even more informative and complete:</p> <p>Suggestions for Addition:</p> <ol style="list-style-type: none"> Specific Results: Mention the key numerical data or trends that support the conclusions, such as the magnitude of changes in body weight, diarrhea scores, and biochemical markers. Conclusions: Summarize the main conclusion succinctly, such as the effectiveness of vitamin E in alleviating colitis exacerbated by cadmium exposure. Implications: Briefly mention the potential clinical implications or future directions for research based on the findings. <p>Suggestions for Deletion or Clarification:</p> <ol style="list-style-type: none"> Study Design: The abstract mentions a "randomized control trial," but since the study involves experimental manipulation and not a clinical trial, it might be more accurate to describe it as a "randomized controlled experimental study." 	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</p> <p>Abstract: Add a brief conclusion that summarizes the main finding and its implications.</p> <p>Introduction: Ensure that the introduction sets up the context and rationale for the study, and clearly states the research question.</p> <p>Results and Discussion: Consider integrating the results and discussion sections for better flow, unless separate sections are required by the journal guidelines.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The manuscript appears to be scientifically robust and technically sound due to several key factors.</p> <ol style="list-style-type: none"> (1) the experimental design includes a randomized control trial with a sufficient number of groups to address the specific research questions, allowing for a comprehensive analysis of the effects of vitamin E on colitis exacerbated by cadmium exposure. (2) the use of biochemical markers, such as superoxide dismutase (SOD), catalase (CAT), myeloperoxidase (MPO), and tumor necrosis factor alpha (TNF-α), provides a solid foundation for assessing oxidative stress and inflammation, which are central to the study's objectives. 	

Review Form 3

	(3) the histological analysis complements the biochemical data, offering a visual confirmation of the protective effects of vitamin E on the colonic mucosa, thus supporting the overall conclusions of the study	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references provided in the manuscript are generally sufficient and recent, covering a range of topics relevant to the study. They include publications in the last ten years , which is an appropriate time frame for a study in this field.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The language and English quality of the article appear to be suitable for scholarly communication. The abstract and the references provided are written in clear and standard English, and the scientific terms are used appropriately. The abstract provides a concise overview of the study's aims, design, methodology, and results, which is typical for scholarly articles. However, there are a few minor improvements that could be made to enhance clarity and precision: 1. Consistency in Formatting: Ensure consistency in formatting, such as capitalization of words in titles and consistent use of abbreviations throughout the document. 2. Sentence Structure: Some sentences could be rephrased for better clarity and flow. For example, the sentence "Group 1: Nomal control" could be revised to "Group 1: Normal control."(ABSTRACT - Study design:) 3. Abbreviations: Define all abbreviations at first use and ensure they are consistently used thereafter. For example, "CdCl2" should be defined as "cadmium chloride" the first time it is used. 4. Abbreviations: Define all abbreviations at first use and ensure they are consistently used thereafter. For example, "CdCl2" should be defined as "cadmium chloride" the first time it is used.	
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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