

Dear Editor

We are submitting the revised manuscript entitled "**Proton pump inhibitor induced collagen expression in colonocytes is associated with collagenous colitis**" (No. 30321) for publication in **World Journal of Gastroenterology**. The manuscript has not been published or submitted for publication elsewhere. All authors have contributed significantly to the study integrated into the manuscript.

Our specific responses to the reviewers' comment are described below in a point-to-point manner.

There is not any Financial Support or Relationships which may pose a conflict of interest. All authors have reviewed and approved the manuscript. We hope that our manuscript will be acceptable for publication in **World Journal of Gastroenterology**.

Sincerely yours,

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## **Responses to the reviewer's comments**

Reviewed by 00003692

Interesting paper on possible mechanism for lansoprazole associated collagenous colitis. It would be very interesting to evaluate other PPIs, such as omeprazole (a much rarer association with collagenous colitis), as well as with other agents (eg., NSAIDs) to determine if this mechanism is shared with other agents.

(Answer)

We authors thank to the reviewer's warm comments.

As to other PPIs, we examined pantoprazole in this study. To determine the significance of lansoprazole in occurrence of collagenous colitis, we examine several kinds of PPIs in future. NSAIDs are also associated with collagenous colitis in cases. The mechanism is also examined to compare with that of PPIs. We added this description in Discussion.

The investigators might wish to acknowledge the original description of collagenous colitis: Freeman HJ, Weinstein WM, Shnitka TK, Wensel RH, Sartor VE. Watery diarrhea syndrome associated with a lesion of the colonic basement membrane--lamina propria interface. *Ann Royal Coll Phys Surg Canada* 1976; 9: 45.

(Answer)

According to the reviewer's comment, we cited the reference in Introduction.

Reviewed by 02445653

Thank you for your warm comments. We are so glad you are evaluation for our aim and the results of this study.