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July 5th, 2017

To: World Journal of Gastroenterology

Response letter

Dear Reviewers,

In relation to reviewer code 00503062, from Japan, we appreciate the “high priority for publication” status attributed to our manuscript. We made the solicited alterations, changing the small errors and modifying a very long and complicated sentence on page 8.

In relation to reviewer code 00503126, from United States, we appreciate the language evaluation and the suggestion for minor revision. We also altered the conclusion to justify our perception of the potential beneficial use of *Strongyloides stercoralis*. We believe that the majority of the studies got negative results because the use of *Trichuris suis*. *S. stercoralis* has proven to significantly diminish the intestinal permeability in humans, altering the interleukin profile in a more systemic way.

In relation to the last reviewer, we are sorry about the rejection and classification. We strived to write a better manuscript according to his commentaries and hope that this time it will be accepted. Our differential is to bring the *S. stercoralis* as the potential target for this search field, although there have been no trials using this helminth. We searched for the newest trials and added a more updated reference for TRUST-2 trial.

More alterations are detailed below:

- In the introduction section, we added epidemiologic information about *S. stercoralis*.
- In the “Hygiene hypothesis”, we changed the structure of the sentences and added two more important references about *S. stercoralis*.
- In the “Helminth-induced immune responses” section, we added a section about the *S. stercoralis* pathophysiology.
- In the “Helminth therapy for intestinal inflammation”, we divided the paragraphs and added information about *S. stercoralis*.
- In the “Evidence of helminth therapy in inflammatory bowel disease”, we reformulated the paragraph about TRUST-2.
- In the “Evidence of helminth therapy in celiac disease” we changed the sentences in paragraphs 2 and 3 and added a small introduction.
- In “Other uses for helminth therapy” we reformulated the sentences for better comprehension.
- In “Helminth products as possible new drugs” we changed the main objective of the ACROHNEM study.
- The conclusion section was rewritten, changing the order of the first paragraphs and adding more information about *S. stercoralis*.

We sincerely hope that the manuscript has reached the desired quality for publication.

Yours sincerely,

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