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RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Gastrointestinal Pharmacology and Therapeutics*

Manuscript NO: 80867

Title: Cinnamic acid regulates the intestinal microbiome and short-chain fatty acids to treat slow transit constipation

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 01557050
Position: Editorial Board
Academic degree: AGAF, MD, PhD
Professional title: Professor
Reviewer's Country/Territory: Japan
Author's Country/Territory: China

Manuscript submission date: 2022-10-15

Reviewer chosen by: Ji-Hong Liu

Reviewer accepted review: 2023-01-11 09:55

Reviewer performed review: 2023-01-14 06:53

Review time: 2 Days and 20 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [Y] Minor revision [ ] Major revision [ ] Rejection
Peer-reviewer	Peer-Review: [Y] Anonymous [ ] Onymous

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statements	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

1) General comments Dr. Jiang and Dr. Xiao, et al. revised "Cinnamic acid regulates the intestinal microbiome and short-chain fatty acids to treat slow transit constipation". This article is informative and well presented. The reviewer has some comments. 1. Please add these two articles in Methods and add the reference numbers in the text. Also, please add them to references. These are two papers in which the authors indicated "Yan SL, Wang ZH, Yen HF, Lee YJ, Yin MC. Reversal of ethanol-induced hepatotoxicity by cinnamic and syringic acids in mice [published correction appears in Food Chem Toxicol. 2017 Jan;99:242]. Food Chem Toxicol. 2016;98(Pt B):119-126. doi:10.1016/j.fct.2016.10.025." "Wang Z, Ge S, Li S, Lin H, Lin S. Anti-obesity effect of trans-cinnamic acid on HepG2 cells and HFD-fed mice. Food Chem Toxicol. 2020;137:111148. doi:10.1016/j.fct.2020.111148" 2. The authors revised in Discussion "Moreover, The abundance of Prevotella is positively correlated with the fiber content of the diet [32]." Please correct "Moreover, the abundance of Prevotella is positively correlated with the fiber content of the diet [32]."

Re-respond to Reviewer 1

We are grateful to reviewer 1 for critical comments concerning our manuscript with your precious time spent. It is a supreme honor for our team to receive your valuable suggestions and these suggestions would benefit us improving the quality of our manuscript. We would love to express our sincerest and highest gratitude to reviewer 1 for your high-rating comments of our study. Accord ing to your precious comments, we have made a point-by-point response to each question, they are listed below.

Point #1: 1. Please add these two articles in Methods and add the reference numbers in the text.

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Response #1: Thank you for your professional comments. We have added these two articles in Methods and add the reference numbers in the text. Please view the revised part with red color format in the revised manuscript for details.

Point #2: The authors revised in Discussion "Moreover, The abundance of Prevotella is positively correlated with the fiber content of the diet [32]." Please correct "Moreover, the abundance of Prevotella is positively correlated with the fiber content of the diet [32]."

Response #1: Thank you for your careful review. We have corrected "Moreover, the abundance of Prevotella is positively correlated with the fiber content of the diet." Please view the revised part with red color format in the revised manuscript for details.

The professional suggestions given by Reviewer 1 have promoted the quality of our manuscript comprehensively and guided us to think more deeply. Thank you again for your meticulous work and precious time on our manuscript.