

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 71582

Title: “Role of exercise in preventing and restoring gut dysbiosis in patients with inflammatory bowel disease”: A letter to the editor

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05040484

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Assistant Professor, Doctor, Professor, Research Scientist

Reviewer's Country/Territory: Russia

Author's Country/Territory: Ireland

Manuscript submission date: 2021-09-13

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-09-13 18:06

Reviewer performed review: 2021-09-14 07:20

Review time: 13 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

I think this will be a good addition to the review.

PEER-REVIEW REPORT

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Manuscript NO: 71582

Title: “Role of exercise in preventing and restoring gut dysbiosis in patients with inflammatory bowel disease”: A letter to the editor

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05194375

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Ireland

Manuscript submission date: 2021-09-13

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-09-19 02:30

Reviewer performed review: 2021-09-20 03:18

Review time: 1 Day

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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SPECIFIC COMMENTS TO AUTHORS

An overview of gut microbiota research in inflammatory bowel disease (IBD) has focused on uncovering the pro- or anti-inflammatory mechanisms regulated by the gut microbiota. The study of the relationship between exercise and the gut microbiota has been of particular interest to researchers in the last two to three years. Numerous animal studies and human clinical trials have shown that exercise can alter the gut microbiota. This letter to the editor summarises and evaluates the review of "Role of exercise in preventing and restoring gut dysbiosis in patients with inflammatory bowel diseases", and highlights the duration of the exercise programme, which provides a valuable reference for developing individualised exercise programmes for restoring gut health in patients with IBD. However, there is one question that needs to be answered. The authors suggest that an exercise programme of at least 12 weeks is required to restore intestinal ecological dysregulation and mention that "the positive effects of a more prolonged programme may extend to inflammatory mediation through regulation of immunometabolism" in the manuscript. What is the exact definition of prolonged exercise suggested by the authors, given that one paper suggests that excessive exercise is harmful to health [Complementary and Alternative Medicines Used by Patients With Inflammatory Bowel Diseases]? Does this contradict the above literature?