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PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 90150

Title: Interaction between diet and genetics in patients with inflammatory bowel disease.

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05480683
Position: Peer Reviewer
Academic degree: PhD
Professional title: Academic Fellow, Academic Research, Adjunct Professor
Reviewer's Country/Territory: Italy
Author's Country/Territory: Brazil

Manuscript submission date: 2023-11-25

Reviewer chosen by: Huo Liu

Reviewer accepted review: 2024-01-02 08:25

Reviewer performed review: 2024-01-05 09:29

Review time: 3 Days and 1 Hour

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

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Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [Y] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[Y] Grade A: Priority publishing [ ] 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
Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Name of Journal: World Journal of Gastroenterology Manuscript Type: EDITORIAL at Invited Manuscript ID: (05429703) Commented article: "Diet as an epigenetic factor in inflammatory bowel disease." Comments In this editorial, Dr. Do and colleagues succintely and nicely commented a review by Marangoni et. al, published in the World Journal of Gastroenterology 2023; In press (Manuscript No.: 87203), titled "Diet as an epigenetic factor in inflammatory bowel disease". In this review (Manuscript No. 87203, in press), the authors discuss the role of epigenetics in the pathogenesis of inflammatory bowel disease (IBD) and its modifications through diet as a mechanism for modulating the intestinal microbiota and attenuating the inflammatory process. Moreover, the authors provided dietary recommendations for patients with inflammatory bowel disease. With some exception (please see my comments below) the work is well written and well organised. I do not have any major comment/observation concerning the scientific writing and style. I believe that this work can be published on World Journal of Gastroenterology. Please see below some minor comment for improving the work: Please include in the introduction some information on the implication of circular RNAs

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(which are a particular class of non codingRNAs) in modulating the inflammatory response in the gut. Authors are encuraged to check and mention https://www.frontiersin.org/journals/oncology/articles/10.3389/fonc.2021.779706/full Introduction, how DNA methylation can influence the microbiota composition? For instance the methylation of immune cells? Introduction. Concerning DNA methylation, these two additional references should be included PMID: 27223861 and PMID: 36890579 More supporting references should be introduced in the DIETARY TIPS FOR PATIENTS WITH IBD section Please include a couple of conclusive sentences

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Peer-review model: Single blind

Reviewer's code: 03383549
Position: Peer Reviewer
Academic degree: MD, PhD
Professional title: Doctor, Reader (Associate Professor)
Reviewer's Country/Territory: China
Author's Country/Territory: Brazil

Manuscript submission date: 2023-11-25

Reviewer chosen by: Huo Liu

Reviewer accepted review: 2024-01-02 09:12

Reviewer performed review: 2024-01-11 10:05

Review time: 9 Days

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [Y] Grade C: Fair [ ] Grade D: No creativity or innovation

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Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [Y] Minor revision [ ] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The present maunscript describes comparison betweeen two types of dietries, western versus mediterrantean to the epigenetic modualtion during the genesis of inflammatory bowel disease (IBD). A major concern was that the comparison, as well the impact of the dietry is mainly based on statistic data. It would informative the the main chemical components in the food consumed as related the molecualr aspects of the epiogenetic approach is dealt with.