



PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 75215

Title: Mapping the Global Research Landscape on Nutrition and the Gut Microbiota: Visualization and Bibliometric Analysis

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05429162

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Academic Fellow, Chief Doctor, Doctor, Research Fellow, Research Scientist

Reviewer's Country/Territory: Japan

Author's Country/Territory: Palestine

Manuscript submission date: 2022-01-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-20 04:01

Reviewer performed review: 2022-01-30 13:23

Review time: 10 Days and 9 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 Grade E: Do not publish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 type="checkbox"/> Grade A: Priority publishing <input checked="" 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 type="checkbox"/> Minor revision <input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

Summary Zyoud et al. performed bibliometric analysis showing global research landscape on nutrition and the gut microbiome. Although the authors showed a landscape and research trends on nutrition and gut microbiome, there are some major points to be revised. Major points 1) MATERIALS AND METHODS; Considering the large heterogeneity of nutrition and the gut microbiome, the authors should show the ultimate aims and goals of this research (Santos et al. *Scientometrics*. 2022 Jan 16;1-34). 2) MATERIALS AND METHODS- Bibliometric analysis; There is a possibility that certain publication, and/or data collecting biases are existing in this manuscript. The authors should show that there are no biases shown above (Ono et al. *Biomedicines*. 2021 May 20;9(5):582). 3) RESULTS- Number of publications and evolution over time; The authors showed that 78.52% of research articles and 15.25% of reviews were included in this study. However, it seems that there are also some clinical trials and case series/case reports should be included (Johnstone et al. *Nutrients*. 2021 Dec 8;13(12):4384; Kageyama et al. *Nutrients*. 2021 Dec 14;13(12):4466.). Also, the author should show the numbers or percentage of the clinical/basic study included in this analysis. 4) RESULTS- Journal analysis; In this section, the authors showed the active journals lists from 2012-2021. However, it is not always adequate that the number of publication reflects the activity of the journal. I recommend that the journal lists should be corrected and stratified by the journal impact factor or other journal quality indicators (Santos et al. *Scientometrics*. 2022 Jan 16;1-34).



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Reviewer's code: 03793463

Position: Editorial Board

Academic degree: PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: Palestine

Manuscript submission date: 2022-01-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-07 01:40

Reviewer performed review: 2022-02-07 02:58

Review time: 1 Hour

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 type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Re-review	<input type="checkbox"/> Yes <input checked="" 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

Reviewer comments for the World Journal of Gastroenterology-75215 The authors described the everivew of the research studies in recent ten years regarding nutrition and gut microbiota worldwide. It is an interesting and meaningful review study. However, some small issues should be revised, detailed as follows: 1. Please do not use “microbiota” and “microbiome” indiscriminately. In fact, the meaning of “microbiota” and “microbiome” is not identical. Generally, microbiota refers to the community of micro-organisms themselves. Microbiome refers to the collective genomes of the micro-organisms in a particular environment. 2. In figure 2, the country name of the United States is missing. 3. In table 2, the institute of Ranking 1st and 2nd seems error. Although many labs and institutes from different universities are authenticated by the “Ministry of Education” or “Ministry of Agriculture of China”, the “Ministry of Education China” and “Ministry of Agriculture of China” are only administrative organizations, not an academy.



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Peer-review model: Single blind

Reviewer's code: 05225141

Position: Peer Reviewer

Academic degree: DVM, PhD

Professional title: Doctor

Reviewer's Country/Territory: United States

Author's Country/Territory: Palestine

Manuscript submission date: 2022-01-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-07 19:59

Reviewer performed review: 2022-02-12 17:01

Review time: 4 Days and 21 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
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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

In this manuscript, the authors want to overview the research publications about the nutrition and gut microbiota, ongoing study stage in this filed. The topic is fine. However, the methods should be expanded at least three databases should be used in the manuscript, such as Web of Science and Google Scholar. Figure 2 includes some cities such as Hong Kong should be changed and other relative calculations. The current work provides an overview ... and to determine > determines.