

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 43191

Title: Role of diet and gut microbiota on colorectal cancer immunomodulation

Reviewer's code: 01560452

Reviewer's country: China

Science editor: Ruo-Yu Ma

Date sent for review: 2018-11-06

Date reviewed: 2018-11-13

Review time: 7 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

I am glad to review the paper entitled: The role of diet and gut microbiota on host immune system modulation. This study is well-designed and well-organized, and is supported by sufficient data. However, I have few comments to improve the scientific presentation of the manuscript: 1. The work aims to evaluate the interaction of diet, gut

microbiota and host immune system. However, the author seems to just focus on the single disease-CRC, the title, in my opinion, does not reflect the main subject of the manuscript. So I suggest the title be reconsidered. 2. Figure 1 has not been cited in the main text. 3. I think the author needs to provide more tables and figures to support their conclusion. 4. Ref #53 is an ineffective citation. 5. Some English grammar errors. For example, "deprivation of nutrients as well as nutrient-responsive growth factors seem to" on page 6, "The disease stage progression, for example, a determining factor to in the choice of the probiotic strains to be administered" on page 10. "The fine mechanisms by which the dietary nutrients enhance the anti-cancer effects of standard anticancer therapies has not been fully elucidated yet" on page 12...

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 43191

Title: Role of diet and gut microbiota on colorectal cancer immunomodulation

Reviewer's code: 01805500

Reviewer's country: Italy

Science editor: Ruo-Yu Ma

Date sent for review: 2018-12-04

Date reviewed: 2018-12-04

Review time: 10 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Authors in the Introduction should point out the key role of microbiome on the onset/progression of another important illness that is NAFLD, even though the therapeutical approach with gut flora modifiers is still on debate as evident in...Future Microbiol. 2015;10(5):889-902. Systematic review on intervention with



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Group**

7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

prebiotics/probiotics in patients with obesity-related nonalcoholic fatty liver disease.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 43191

Title: Role of diet and gut microbiota on colorectal cancer immunomodulation

Reviewer's code: 03648086

Reviewer's country: United States

Science editor: Ruo-Yu Ma

Date sent for review: 2018-12-04

Date reviewed: 2018-12-08

Review time: 4 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input checked="" type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
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publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The authors have started this review article on a great topic: the effects of diet and functional foods (probiotics and prebiotics) on immune and inflammatory responses in colorectal cancers. However, there are so many language errors/imperfectness. Some sentence even didn't confer clear concepts and specific aspects of research findings.

Below are some examples. The authors should seek professional language editing services. In Abstract, the last sentence: "Finally, we analyzed the potential beneficial use of probiotics and prebiotics in order to restore intestinal microbiota and decrease inflammation, as prevention or in support of CRC treatments." Here the logistic is not right, as readers could be reading it as "... as prevention of CRC treatments". There are many sentences having the similar problems as this sentence. On Page 4, "Epidemiological studies show that diet-gene interactions are among the leading causes to explain the wide variation of CRC developing risk among different individuals". The "causes" being used on "interactions" is not common. The "CRC developing risk" is not a commonly used phrase in English. On Page 9, "In detail, we focused on the immune-modulating use of probiotics and prebiotics in colorectal cancer treatments." At the end of a paragraph, this sentence would give readers much confusion, as "In detail" is contradict to "focus". On Page 10, "Besides that, Bifidobacterium (B) spp and Lactobacillus (L) spp (the main studied probiotics in CRC therapies) are able to influence DCs, favoring the Tregs' development, as well as increase IL-23+ APCs' activity and decrease the active CD4+ T cell numbers, preventing pro-carcinogenic inflammation in rhesus macaques[98]." The "influence DCs" is lack of specific aspects. In addition, the use of present participle "favoring" and "preventing" could lead to some degree of ambiguity to readers, the use of clauses, such as "which favors" and "which prevents", would render more clarities. There are many similar sentences with the same issues. On Page 10, "it is fundamental to select specific bacterial strains in order to accurate targeting in CRC battle." Here the "in order to accurate targeting" is off the basic English grammar. On Page 12, "Diet has a strong capacity to modulate cell responses to environmental stimuli,". Here the "strong" is not an appropriate word for "capacity". The "great" would be more fit. On Page 12, "We have reported that the use of probiotic/prebiotic as coadjutant anti-cancer treatments showed, especially in animal



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7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
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models, interesting results." Here the "interesting results" is lack of specific aspects.

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BPG Search:

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