

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 44649

Title: Gut microbiota profile in healthy Indonesian

Reviewer's code: 00036810

Reviewer's country: Japan

Science editor: Xue-Jiao Wang

Date sent for review: 2018-11-22

Date reviewed: 2018-11-29

Review time: 1 Hour, 7 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" 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 checked="" type="checkbox"/> Anonymous
<input checked="" 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 checked="" type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" 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 demonstrated that the composition of gut microbiota in Indonesian subjects. The data from this study seems to be important and informative. However, this article has several issues. I hope that the authors revise this manuscript as following comments. 1, Did you check the diversity of microbiota in each groups? 2,



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The authors should clearly definite age category between younger and older subjects in the section of materials and methods. 3, The infomation regarding another agent proton pump inhibitors, anti-cancer drugs, and anti-diabetic agents and so on, which may affect the structure of gut microbiota. 4, The data regarding stool consistency and frequency are missing. 5, After all, what is differences between Bai and Yogyakarta subjects? This issue should be clearly described.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

- ☐ The same title
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- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 44649

Title: Gut microbiota profile in healthy Indonesian

Reviewer's code: 03699937

Reviewer's country: Iran

Science editor: Xue-Jiao Wang

Date sent for review: 2018-12-03

Date reviewed: 2018-12-03

Review time: 1 Hour

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

I was reading this paper and found it interesting for publication in WJG. POINTS;

*Add some new references in this field using scopus to enrich your text and ideas, **

write a better discussion according to your results, *** describe why you have chose

these sort of bacteria and why not others!



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- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 44649

Title: Gut microbiota profile in healthy Indonesian

Reviewer's code: 03796332

Reviewer's country: Reviewer_Country

Science editor: Xue-Jiao Wang

Date sent for review: 2018-11-22

Date reviewed: 2018-12-07

Review time: 1 Hour, 15 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 checked="" 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
<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 checked="" type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" 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 original finding of the manuscript is revealed the distribution of culturable bacteria, yeast, and mold in Indonesian. However, there are big problems in the experimental design and results analysis. (1) The author did not indicate the background of peoples selected in the study, since they came from different places and have different diet habits.



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The differences were not only caused by ages, but also places and diet habits, although some diet limitation was made before the study. However, that was not enough to eliminate the differences caused by their backgrounds. (2) The results from RT-PCR and culture method could not be compared since CFU could not be obtained from the RT-PCR method, and, RT-PCR measured the overall bacteria distribution, whereas, culture method only indicated very small part of bacteria. The results from two methods were not comparable. (3) Study was only carried out on the culturable bacteria, yeast, and mold that were only a very small part of gut microbiota. Therefore, they could not reflect the microbiota profile in the samples. So, the main text and title were not consistent.

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