

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 53493

Title: Blood-based biomarkers for early detection of esophageal squamous cell carcinoma

Reviewer's code: 03036083

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's country: Japan

Author's country: China

Manuscript submission date: 2019-12-25

Reviewer chosen by: Ruo-Yu Ma

Reviewer accepted review: 2020-01-03 20:29

Reviewer performed review: 2020-01-06 22:00

Review time: 3 Days and 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



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SPECIFIC COMMENTS TO AUTHORS

Authors describe clearly about the new biomarkers for ESCC. They have summarized most of the method for detecting the ESCC. However, I still have several minor concerns.

1. In the introduction, authors mentioned about the disadvantages (high cost and invasiveness) of endoscopy which is the present standard method for detecting the early ESCC. Therefore it would be easier for the readers to imagine the difference between endoscopy and new biomarkers, if there is a table comparing the advantages and disadvantage between these techniques. 2. This topics is about detecting the early ESCC; however, most of the data of the new biomakers are not from early ESCC patients. So it is difficult to say that these newly biomarkers can detect early ESCC. 3. Since the authors wrote about NMR and MS, a non-invasive investigation, it might be better not to use the word "blood-based biomarkers" in the title or in the manuscript.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

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



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