

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 47612

Title: Recent advances in gastric cancer early diagnosis

Reviewer's code: 00057983

Reviewer's country: Taiwan

Science editor: Ruo-Yu Ma

Reviewer accepted review: 2019-03-20 12:49

Reviewer performed review: 2019-03-21 07:45

Review time: 18 Hours

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 checked="" 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 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 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 made a good review of new strategies in gastric cancer early diagnosis.

I have the following suggestions. 1. In Figure 1, the "Minimally invasive sampling" should include specimen including peripheral blood, urine or saliva, stomach wash/gastric juice, as described in the ABSTRACT. Meanwhile, Figure Legend of Figure



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1 should be revised as “Possible non-invasive diagnostic biomarkers for early-stage gastric cancer”. 2. In Tables 1 and 2, “Sensitivity”, “Specificity” and “Origin of specimen” of each biomarker should be added.

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: 47612

Title: Recent advances in gastric cancer early diagnosis

Reviewer's code: 02446765

Reviewer's country: South Korea

Science editor: Ruo-Yu Ma

Reviewer accepted review: 2019-03-20 00:21

Reviewer performed review: 2019-03-22 06:07

Review time: 2 Days and 5 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 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

This is a very nice review on molecular biomarkers of gastric cancer. However, there are some limitations of these biomarkers. Most of biomarkers can be found in advanced stage of gastric cancer, not in early stage. So clinical significance of these biomarkers should not be overestimated. This limitation should be clearly described in Conclusion.



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INITIAL REVIEW OF THE MANUSCRIPT

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BPG Search:

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 47612

Title: Recent advances in gastric cancer early diagnosis

Reviewer's code: 00502831

Reviewer's country: Japan

Science editor: Ruo-Yu Ma

Reviewer accepted review: 2019-03-19 11:13

Reviewer performed review: 2019-03-24 22:15

Review time: 5 Days and 11 Hours

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 checked="" 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 checked="" 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 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 review summarized the recently discovered circulating molecules such as miRNAs, lncRNAs, circRNA, which hold the promise to develop new strategies for early diagnosis of gastric cancer. This review was thought to be significant and useful. And this article was well written in detail.



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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 47612

Title: Recent advances in gastric cancer early diagnosis

Reviewer's code: 03478635

Reviewer's country: Japan

Science editor: Ruo-Yu Ma

Reviewer accepted review: 2019-03-20 00:24

Reviewer performed review: 2019-03-25 00:52

Review time: 5 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:
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			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This study describes about the gastric cancer diagnosis in terms of circulating molecules such as miRNAs, lncRNAs, and circRNA. DNA methylation pattern in gastric cancer is very important for diagnosing the stage of gastric cancer.



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