

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 38918

**Title:** Glycoprotein biomarkers for the detection of pancreatic ductal adenocarcinoma

**Reviewer's code:** 01430761

**Reviewer's country:** Japan

**Science editor:** Xue-Jiao Wang

**Date sent for review:** 2018-03-26

**Date reviewed:** 2018-03-27

**Review time:** 1 Day

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 type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

This is a well written review of glycoprotein biomarkers for pancreatic cancer. 1. Introduction appears redundant. Since this is a review of biomarkers, the first paragraph can be shortened. In addition, "Imaging techniques" can be deleted or significantly shortened. 2. In Results, some data shown in the manuscript are difficult to follow.



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Data on most studies are shown in Tables 1 and 2. Please summarize and discuss them rather than list all the data.

#### **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:** 38918

**Title:** Glycoprotein biomarkers for the detection of pancreatic ductal adenocarcinoma

**Reviewer's code:** 03656606

**Reviewer's country:** China

**Science editor:** Xue-Jiao Wang

**Date sent for review:** 2018-03-26

**Date reviewed:** 2018-03-28

**Review time:** 2 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 checked="" 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
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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

Pancreatic cancer is a notorious disease with poor prognosis. Unfortunately, the incidence of PC is expected to increase in the next decades in developed and developing countries. Detection of early PC is the key to improve the prognosis of patients with PC. Biomarkers with high sensitivity and specificity and imaging equipments with high

resolution are the main modalities for early detection of PC. Until now the value of biomarkers in detecting early PC is compromised due to many factors. In this manuscript the authors reviewed the existing biomarkers for PC diagnosis and assessed their clinical value. More importantly, the manuscript focused on some glycoproteins which were associated with PC and presented potential diagnostic value. The authors also pointed out that the combination of these new candidate glycoproteins with the existing biomarkers could result in a panel that may improve early diagnosis of PC. The content of this manuscript is comprehensive and updated, but it is too lengthy and should be concise in some part. For example, imaging techniques and mutated genes are not closely related to the topic of the manuscript and these contents are not necessary for this review.

## INITIAL REVIEW OF THE MANUSCRIPT

### *Google Search:*

- ☐ The same title
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- ☐ Plagiarism
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### *BPG Search:*

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- ☐ No