

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 40058

**Title:** The histo-molecular oncogenesis of pancreatic cancer: from precancerous lesions to invasive ductal adenocarcinoma

**Reviewer's code:** 03092258

**Reviewer's country:** Japan

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-05-30

**Date reviewed:** 2018-05-31

**Review time:** 20 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 checked="" type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input checked="" 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 checked="" 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

General comment The authors described fragmentary information on precursor lesions of pancreatic ductal cancer (PDAC) without providing their hypothesis on the mechanisms underlying the progression of precursor lesions to PDAC. The authors



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should discuss their hypothesis on the pathway from precursor lesions to PDAC at molecular and cellular levels. Specific comments #1. The authors described morphological changes observed in each precursor lesion but their explanation on the figures were vague and is hard for non-pathologists to understand precisely the characteristics of the lesions. The authors should indicate morphological changes in the figures by using arrows, arrowheads, and so on. #2. The authors should describe the molecular profiles not in a systematic manner. The authors should discuss how each molecular change can contribute to PDAC development. #3. The last section on the recent advances and future perspective should be incorporated into the preceding sections. #4. The manuscript contains innumerable errors in syntax and therefore, should be extensively edited by a professional editor proficient in writing scientific English.

## **INITIAL REVIEW OF THE MANUSCRIPT**

### ***Google Search:***

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

### ***BPG Search:***

- ☐ The same title
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## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 40058

**Title:** The histo-molecular oncogenesis of pancreatic cancer: from precancerous lesions to invasive ductal adenocarcinoma

**Reviewer's code:** 03656606

**Reviewer's country:** China

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-06-20

**Date reviewed:** 2018-06-21

**Review time:** 1 Day

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 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 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

This manuscript reviewed some aspects of precursors of PDAC, including clinical features, histological and molecular characters of IPMN, PanIN, ITPN and MCN. Recent advances and future research direction in this field were also presented in this



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manuscript. Early detection of PDAC is the most important factor affecting the prognosis of patients with PDAC. It is necessary to understand and recognize typical precursors of PDAC for early diagnosis of PDAC. This manuscript provided valuable information about the profiles of these diseases and showed future perspectives on this topic. The content of this manuscript may help physicians comprehend the features and differentiation of MCN, IPMN, PanIN and ITPN. This may play a role in promoting early detection rate of PDAC in clinical practice.

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## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 40058

**Title:** The histo-molecular oncogenesis of pancreatic cancer: from precancerous lesions to invasive ductal adenocarcinoma

**Reviewer's code:** 03552346

**Reviewer's country:** China

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-06-20

**Date reviewed:** 2018-06-27

**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
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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
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### SPECIFIC COMMENTS TO AUTHORS

The current review not only summarized the clinical feature, histopathological characteristic and the molecular profile of the PDAC precursor lesions, but also highlighted the recent advances and future perspectives on PDAC carcinogenesis, which



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is of great importance for the comprehension of PDAC carcinogenesis as well as the design of early detection techniques and more effective therapeutic strategies. Except for some grammatical and spelling errors to be corrected, this review is a truly excellent work. And I think the authors should carefully revise the highlighted parts in the attached file before acceptance.

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## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 40058

**Title:** The histo-molecular oncogenesis of pancreatic cancer: from precancerous lesions to invasive ductal adenocarcinoma

**Reviewer's code:** 01191922

**Reviewer's country:** China

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-06-20

**Date reviewed:** 2018-07-05

**Review time:** 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 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
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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 reviewed about the clinical, histopathological and molecular features of PDAC precursor lesions including IPMN, PanIN, ITPN and MCN. This review is well organized, however, there is an amount of published data on the above entities. A brief



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review of the literature regarding such complex and widely published tumors add little to the current literature. It would be better if the authors list a table to compare the features of these four PDAC precursor lesions. Some minor English language mistakes should be corrected.

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