



## PEER-REVIEW REPORT

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

**Manuscript NO:** 39638

**Title:** Clinical and therapeutic significance of ABC transporters expression profiles and functions in pancreatic cancer

**Reviewer's code:** 02742218

**Reviewer's country:** United Arab Emirates

**Science editor:** Ze-Mao Gong

**Date sent for review:** 2018-05-04

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

**Review time:** 3 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
<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

In this review authors have discussed the role of ABC transporters in the development and progression of malignancies, with focus on PDAC. ABC transporters are involved in development of MDR and role for ABC transporters as prognostic tools for patients'



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survival was explained. I suggest for minor revisions based on my comments to the author. 1. Overall, this manuscript is well written but have few redundancy from previous literature such as, function of ABC transporter, levels of expression of MDR in tumors and ole of P-gp inhibitors in clinical practice it has been extensively describes in the literature (Oncologist. 2003;8(5):411-24; Expert Opin Ther Targets. 2017 May;21(5):511-530; Mutagenesis. 2012 Mar;27(2):187-96). Consider revising your manuscript with only focus on role of ABC transporter in PDAC. 2. I suggest to summarize and shorten the section on "ABC Transporter" and "ABC transporter in MDR". 3. The title can be more comprehensive and attractive, such as "ABC transporters in progression and clinical outcome of Pancreatic cancer: what is the way forward?". 4. Specific research questions for future studies should be more clearer in your conclusion. Despite the failed clinical trials, how do the authors propose to move forward?. Thank you very much. Regards.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

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

- The same title
- Duplicate publication
- Plagiarism
- No

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

- The same title
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- No



## PEER-REVIEW REPORT

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

**Manuscript NO:** 39638

**Title:** Clinical and therapeutic significance of ABC transporters expression profiles and functions in pancreatic cancer

**Reviewer's code:** 02460781

**Reviewer's country:** China

**Science editor:** Ze-Mao Gong

**Date sent for review:** 2018-05-04

**Date reviewed:** 2018-05-11

**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 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
<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 article reviewed Clinical and therapeutic significance of ABC (ATP-binding cassette) transporters expression profiles and functions in pancreatic cancer. It involved many researches and the contents was detailed. However, as a professional review, it is too



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long. So the author should keep the message as concise as possible.

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## PEER-REVIEW REPORT

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

**Manuscript NO:** 39638

**Title:** Clinical and therapeutic significance of ABC transporters expression profiles and functions in pancreatic cancer

**Reviewer's code:** 02860797

**Reviewer's country:** China

**Science editor:** Ze-Mao Gong

**Date sent for review:** 2018-05-04

**Date reviewed:** 2018-05-14

**Review time:** 10 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
<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

I reviewed the manuscript entitled "Clinical and therapeutic significance of ABC transporters expression profiles and functions in pancreatic cancer". This is a well-done paper about exploring the role of ABC transporters in the development and progression



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of PDAC. But I have few comments to improve the scientific presentation of the manuscript: 1. some data should provide references. For example, in introduction, authors stated "ranking at 4th place in terms of death rate, with a 7- 8% chance of 5-year survival in US"; In discussion, "although positively correlated with 5-year survival in the PDAC (38% high expression vs 0% low expression), has no statistically significant effect in the latter case (48% vs 43%)." 2. Author should provide more information about the relationship between ABC transporters and PDAC stroma. 3. The part of CONCLUSION should be more concise.

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