



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 40811

Title: Typing of pancreatic cancer-associated fibroblasts identified different subpopulations

Reviewer’s code: 02951605

Reviewer’s country: Czech Republic

Science editor: Ruo-Yu Ma

Date sent for review: 2018-08-02

Date reviewed: 2018-08-09

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 polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	Peer-reviewer’s expertise on the topic of the manuscript:
<input type="checkbox"/> Grade E: Do not publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Minor revision	<input checked="" type="checkbox"/> Advanced
		<input checked="" type="checkbox"/> Major revision	<input type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

- Abstract – I am surprised that you distinguished four types of stroma but you did not distinguish between the type of pancreatic tumors themselves. The tumors may originate from different cell types and those in different locations within the pancreas



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Group**

7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

have also different properties and prognosis. Thus, it would be very helpful if you could reflect current classification of pancreatic tumors in your manuscript. - Introduction - "CAFs have been suggested to undergo an "unholy alliance" with the PC cells, each mutually promoting each other's proliferation [10, 11]." - a recent review on the signaling from tumors to fibroblasts was published in Crit Rev Oncol Hematol. 2016 Jan;97:303-11. It should be cited here in addition to those older papers. For the signaling from fibroblasts to the tumors, there are dozens of reviews, some even with the focus on the pancreatic cancer itself, such as the one in Future Oncol. 2015 Sep;11(18):2603-10. - Introduction - recent research on pancreatic cancer-associated fibroblasts should be reflected. This includes Cancer Lett. 2018 Sep 28;432:227-236, Cancer Sci. 2018 Jun 14. doi: 10.1111/cas.13694 or Cancer Res Treat. 2018 Apr 20. doi: 10.4143/crt.2018.031. - Methods - CD117 is present also on stem/progenitor cells, it is not mast cell-specific. - Methods - CD163 is specific also for monocytes, not just macrophages - Methods - check the specificity of all the markers that you have used. - Methods - RNA concentration cannot be "determined" using nanodrop. Just estimated... - Methods - specify, whether you conducted multiple independent qPCR experiments. If not, you need to perform them. - Methods - You indicate the use of nonparametric tests but some values clearly were not of parametric nature. Please comment on why the parametric values were not tested or why they were tested by the non-parametric test. - Results - "44 markers (32 CAF IHC markers," - avoid starting the sentence with a number. - Results - the results need to be rewritten in a way that the text will be fluent and most of the data (numbers) will be moved to some tables or graphs. - Raw data are completely undisclosed. These are needed in order to convince the readers that the reported differences were real. Provide supplementary figures regarding series of all the markers. - I miss there a thorough discussion and interpretation of the findings supported by the state-of-the-art knowledge. For example, when you look at nestin, the text does not comment on its



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7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
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prognostic value at all, it just mentions that it was somewhere and that is it. I do not consider such data interpretation as sufficient. - The last para of the Results belongs rather to a Discussion. - The study suffers from a focus on details (individual markers) and is poorly set into the broader context. The reader does not get any takehome message, which could be easily derived from the text. The current text looks rather like some work-in-progress notes allowing to write a paper instead of a paper itself. In my view, there is some value hidden in this work, but to present it in a standard manner, I suggest to team-up with some experienced science writer, who would be able to identify key takehome messages and re-write the text in a fluent way attracting the reader and leaving out the details in the supplementary materials and/or figures and tables. Actually most of current tables could also be moved to the supplementary materials.

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: 40811

Title: Typing of pancreatic cancer-associated fibroblasts identified different subpopulations

Reviewer's code: 00053888

Reviewer's country: United Kingdom

Science editor: Ruo-Yu Ma

Date sent for review: 2018-08-13

Date reviewed: 2018-08-13

Review time: 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 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

SPECIFIC COMMENTS TO AUTHORS

This is an excellent scientific paper that is well conducted and presented. The information is valuable and helps to explain some of the clinico-pathological features that we see in pancreatic adenocarcinoma. The authors should be congratulated. My



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7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA
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only criticisms are the length of the discussion and there are too many figures and tables. Tables 1 & 2 could be provided to the reviewer but I am not certain that they add anything to the manuscript.

INITIAL REVIEW OF THE MANUSCRIPT

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BPG Search:

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- No



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 40811

Title: Typing of pancreatic cancer-associated fibroblasts identified different subpopulations

Reviewer's code: 00503834

Reviewer's country: Taiwan

Science editor: Ruo-Yu Ma

Date sent for review: 2018-08-13

Date reviewed: 2018-08-22

Review time: 9 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 polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good		<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	Peer-reviewer's expertise on the topic of the manuscript:
<input type="checkbox"/> Grade E: Do not publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Minor revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

1. This paper identify different subpopulations of cancer-associated fibroblasts in pancreatic cancer. 2. It also firstly reported the cytoglobin expression in human pancreatic cancer. 3. Although it's effect on future was uncertain at present, the basic and



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pioneer study ought to be accepted.

INITIAL REVIEW OF THE MANUSCRIPT

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BPG Search:

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- No