

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 55946

Title: A promising animal model recapitulating the features of human pancreatic cancer

Reviewer's code: 03408355

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor, Research Scientist

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2020-04-14

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-06-01 09:58

Reviewer performed review: 2020-06-01 10:00

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

No further comments.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 55946

Title: A promising animal model recapitulating the features of human pancreatic cancer

Reviewer's code: 03261990

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Chief Doctor, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2020-04-14

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-06-01 12:51

Reviewer performed review: 2020-06-05 08:50

Review time: 3 Days and 19 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

Thank you for the opportunity to review this interesting paper. In this paper, the authors wanted to exploit a new animal model that can faithfully recapitulate the features of human pancreatic cancer. The topic is relevant and the article is well written. However, I have several remarks and I think that some points need to be further analyzed.

1. Predictive variables for recapitulating the metastatic features of pancreatic cancer were insufficient. More predictive variables such as immunohistological and pathological features of hepatic, abdominal, or pulmonary metastasis should have been considered.
2. Morbidity and mortality in the IL2RG^{-/-} Syrian hamster should have been considered.
3. It would be more persuasive if the abbreviation of PaCa is not used, and it is usually referred to PC or PDAC.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 55946

Title: A promising animal model recapitulating the features of human pancreatic cancer

Reviewer's code: 03492099

Position: Peer Reviewer

Academic degree: MD

Professional title: Research Fellow

Reviewer's Country/Territory: Germany

Author's Country/Territory: China

Manuscript submission date: 2020-04-14

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-06-01 10:50

Reviewer performed review: 2020-06-10 01:52

Review time: 8 Days and 15 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

The author states that there are currently no simple and reliable animal models that can mimic these features for accurate disease modelling. Is it really that no animal model could mimic the feature of the human pancreatic cancer? In addition, it is well known that the immune system is involved in the tumorigenesis and development. However, this model is dependent on immuno-deficient Syrian hamsters. This model cannot completely mimic human pancreatic cancer.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 55946

Title: Promising xenograft animal model recapitulating the features of human pancreatic cancer

Reviewer's code: 03408355

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor, Research Scientist

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2020-04-14

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-07-08 07:44

Reviewer performed review: 2020-07-08 07:49

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS



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No further comments.