PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 62676

Title: Transcription factors specificity protein and nuclear receptor 4A1 in pancreatic cancer

Reviewer's code: 00077340

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: United States

Manuscript submission date: 2021-01-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-01-17 11:02

Reviewer performed review: 2021-01-23 05:28

Review time: 5 Days and 18 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [Y] Grade D: Fair [ ] Grade E: Do not publish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

SPECIFIC COMMENTS TO AUTHORS

In this manuscript, the authors reviewed the relationship between SpTF and NR4A1. NR4A1 is overexpressed mainly in pancreatic cancer, which is a poor prognostic factor. The authors state there is an interaction between SpTF and NF4A1 because inhibiting both of them suppresses the tumor growth, promotes apoptosis, and reduces mobility. However, since SpTF is a transcription factor and NR4A1 is a receptor, their properties are considered to be different, and it is unlikely that they have a common pathway as shown in Fig. 1. It is difficult to understand the relationship between SpTF and NR4A1 from the manuscript. The authors should describe the interaction in more detail.   Please show an abbreviation for RE in Fig.1.   In Fig. 2, it is unclear which part of the graph the "blue" written in the text indicates. The genetic changes in the combination of Sp1,3,4 are shown, but there is no graph for each (the text states that there are individual results). What do you mean by different genes? The figure legend is also insufficiently explained and the contents cannot be fully understood.   There are some parts where causal IPA is mistakenly written as casual IPA.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 62676

Title: Transcription factors specificity protein and nuclear receptor 4A1 in pancreatic cancer

Reviewer's code: 04423126

Position: Editorial Board

Academic degree: FACS

Professional title: Chief Doctor, Professor

Reviewer's Country/Territory: Germany

Author's Country/Territory: United States

Manuscript submission date: 2021-01-14

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-03-04 06:10

Reviewer performed review: 2021-03-04 06:20

Review time: 1 Hour

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

SPECIFIC COMMENTS TO AUTHORS

The manuscript gives a good overview of the current literature on the regulatory network in pancreatic cancer gene expression. The topic is interesting for our readers.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 62676

Title: Transcription factors specificity protein and nuclear receptor 4A1 in pancreatic cancer

Reviewer's code: 03656299

Position: Editorial Board

Academic degree: MD

Professional title: Doctor, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2021-01-14

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-03-05 04:39

Reviewer performed review: 2021-03-05 05:05

Review time: 1 Hour

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

SPECIFIC COMMENTS TO AUTHORS

Thank you for your invitation. This review of Stephen Safe et al. summarized recent advance of transcription factors Sp and NR4A1 in the development of pancreatic cancer. Generally, this review was well-written and here is some minor comments. 1. Figure 1 was relatively rough and confusing for readers. A figure of higher quality would make the quality of the article more improved. 2. The conclusion section should include authors' understandings of the role of transcription factors Sp and NR4A1 in pancreatic cancers, rather than simply summarize the cited literature.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 62676

Title: Transcription factors specificity protein and nuclear receptor 4A1 in pancreatic cancer

Reviewer's code: 00077340

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: United States

Manuscript submission date: 2021-01-14

Reviewer chosen by: Chen-Chen Gao

Reviewer accepted review: 2021-05-07 01:04

Reviewer performed review: 2021-05-07 15:04

Review time: 13 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

I think that the authors replied to our questions adequately. So, I have nothing to comment any more.