



PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 67455

Title: Detailing the ultrastructure's increase of prion protein in pancreatic adenocarcinoma

Reviewer's code: 02534290

Position: Editorial Board

Academic degree: MD, MSc, PhD

Professional title: Doctor, Professor, Surgeon, Surgical Oncologist

Reviewer's Country/Territory: Romania

Author's Country/Territory: Italy

Manuscript submission date: 2021-04-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-28 03:32

Reviewer performed review: 2021-05-06 14:26

Review time: 8 Days and 10 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input 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 checked="" type="checkbox"/> Accept (General priority) <input 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



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SPECIFIC COMMENTS TO AUTHORS

Dear Authors, my comments are totally in favor of publication, your work was very well done and very interesting, I hope you will continue your researches in the field.



PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 67455

Title: Detailing the ultrastructure's increase of prion protein in pancreatic adenocarcinoma

Reviewer's code: 05466318

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: Italy

Manuscript submission date: 2021-04-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-29 04:22

Reviewer performed review: 2021-05-08 07:27

Review time: 9 Days and 3 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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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 checked="" 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



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SPECIFIC COMMENTS TO AUTHORS

It is an interesting article entitled "Detailing the ultrastructure's increase of prion protein in pancreatic adenocarcinoma." The study results showed compartmentalization of PrPc in pancreatic cancer cells and an association between PrPc expression in PDAC and recurrence at 12 months after surgery. I have several questions and comments. 1) Please indicate which lanes are the PDAC in Fig.1. 2) The typical ultrastructure of PDAC is shown in Fig.4; compared to the structure in Fig.6, the morphology of the nucleus is a little broken, vacuolation in the cytoplasm is conspicuous, and the endoplasmic reticulum structure around the nucleus is disrupted. Is it possible to distinguish between viable cells and necrotic cells of PDAC? 3) A magnitude in TEM is ranged from x6000 to x8000. Do the authors use constant magnification to quantify the number of immuno-gold particles? Although arrows refer to some particles, some particles seem to be not referred. How many immune-gold particles are there in Fig.6? 4) Please confirm the description that distribution is express by SD, not S.E.M in statistical analysis. 5) Please describe the number of patients in Fig.10 and 11. 6) Was the number of immune-gold particles associated with recurrence, as was the PrPc expression? Was there a relationship between PrPc expression and prognostic variables such as Stage? 7) Is compartmentalization of PrPc likely to be associated with the recurrence of PDAC? Do the authors think that PrPc in the nucleus and PrPc in the cytoplasm have different roles?



RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 67455

Title: Detailing the ultrastructure's increase of prion protein in pancreatic adenocarcinoma

Reviewer's code: 05466318

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: Italy

Manuscript submission date: 2021-04-27

Reviewer chosen by: Yun-Xiaojian Wu

Reviewer accepted review: 2021-08-04 09:36

Reviewer performed review: 2021-08-05 20:27

Review time: 1 Day and 10 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input 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 checked="" type="checkbox"/> Accept (General priority) <input 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



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SPECIFIC COMMENTS TO AUTHORS

The authors have corrected manuscript along the review comment sincerely.