

Dear Dr Wang,

We have received the comments on our manuscript entitled "Histological analysis of human pancreatic carcinoma following irreversible electroporation in a nude mouse model" by the *World Journal of Gastrointestinal Oncology*. According to the comments of the reviewers. We have studied their comments carefully and have made correction which we hope meet with their approval.

Sincerely yours,

Su Jun Jun,

Reviewer's code: 02857161

SPECIFIC COMMENTS TO AUTHORS

This study is very interesting. In this study, the authors investigated the efficacy of using irreversible electroporation for the treatment of pancreatic cancer in an orthotopic mouse model. An orthotopic pancreatic cancer mouse model was successfully established, and irreversible electroporation procedures were successfully performed in model. The results of this study indicated that irreversible electroporation was effective for the targeted ablation of pancreatic tumors. Immunohistochemistry of pancreatic cancer showed significant enhancement of caspase-3 cleavage and Ki67. Over all, the study is well designed and the results are interesting.

1 Title reflects the main subject/hypothesis of the manuscript;

Thank you.

2 Abstract summarize and reflect the work described in the manuscript. However, abstract for original article should contain aim, methods, results and conclusion. Authors should re-write it;

Thank you. The abstract was updated.

3 Key words are ok;

Thank you.

4 The manuscript adequately describes the background, present status and significance of the study;

Thank you.

5 Method are very detail, and the results are very interesting;

Thank you.

6 the results were discussed well. However, the references should be updated. Some important reference should be added and discussed, such as Leen E, Picard J, Stebbing J, Abel M, Dhillon T, Wasan H. Percutaneous irreversible electroporation with systemic treatment for locally advanced pancreatic adenocarcinoma. Journal of Gastrointestinal Oncology. 2018;9(2):275-281. doi:10.21037/jgo.2018.01.14. PMID: 29755766

Thank you. The reference was added. We discussed the results with the reference in the discussion, first section of the discussion, line 10 to 12.

7 Figures are sufficient, however, better quality figure documents should be provided;

Thank you. Better quality figures are provided.

8 Minor language revisions are required.

Thank you. The language was edited by American Journal Experts.

Reviewer's code: 02858888

SPECIFIC COMMENTS TO AUTHORS

Very interesting study about the histological analysis of human pancreatic carcinoma in a nude mouse model. The manuscript describes the methods in

adequate detail, and the research objectives are achieved by the experiments used in this study. And the results are well discussed. Some minor language polishing should be revised.

Thank you. The language was edited by American Journal Experts.

Reviewer's code: 03026093

SPECIFIC COMMENTS TO AUTHORS

Interesting study. The manuscript requires an editing of English. Abstract should be re-arranged according to the guideline of original study. More references should be listed and discussed.

Thank you. The language was edited by American Journal Experts. The manuscript was updated according to the guideline of the journal. The reference list was updated.