

26981-Answering reviewers

June 11, 2016

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 26981-Revised manuscript.doc).

Title: Oncolytic viruses against cancer stem cells: a promising foreground approach for gastrointestinal cancer

Author: Fang Huang, Bin-Rong Wang, Ye-Qing Wu, Fan-Chao Wang, Jiang Zhang, Yi-Gang Wang

Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 26981

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer

(1) Comment of reviewer 00742503 and reply

Comment 1 of reviewer 00742503:

The paper is an interesting review about the use of oncolytic viruses directed to Cancer Stem Cells (CSC) as a therapy against gastrointestinal cancers. The first section is dedicated to the basic knowledge about CSC markers of gastrointestinal cancer including liver cancer, gastric cancer, colon cancer and pancreatic cancer. Second section is an interesting review of oncolytic viruses and cancer virotherapy, describing the research advances and possible molecular mechanisms of various oncolytic viruses against CSCs of gastrointestinal cancers. Finally, the authors summarize the existing obstacles and explain the limitations hampering the efficacy of intravenous administration of virotherapy for CSC, such as liver or spleen trapping, clearance of viral particles by neutralizing antibodies, activated cellular immune

response against viral infection, and virus-induced inflammatory etc. In this section authors also describe the recent advances to issue these difficulties and propose several alternative suggestions to solve the therapeutic limitations. The paper is adequate to be published in the World Journal of Gastroenterology. However the manuscript should be revised carefully. The text contains many typing errors especially in Abstract and Introduction sections. In my opinion a person whose mother tongue is English should correct this article. As an example I have listed some errors found in Abstract, Key words, Core tip and Introduction sections: Abstract: rete, mechinasmgs gastrointestinal obstracles Key words: mechinasm Core tip: reponsible resistance gastrointestinal stratagies top three among all sites either??? Yet the estimated total number of deaths averted since the early 1990s as a result of declining cancer death rate due to ascension of healthcare????? Tranditional surgey radiathrapy have utilized in clinic and?? by increasing scientists.?? propeties implys radiathrapy attacts mechinasmgs

Reply:

First, we thank you for your comment and appraise. According your suggestions, we made great revises carefully. The writing of the manuscript has many errors and problems. We asked for specified native expert to modify the language, please check the (Language certificate).

We also correct the errors according to your list in Abstract, Key words, Core tip and Introduction sections. Abstract: rate, mechanisms gastrointestinal obstacles; Key words: mechanism; Core tip: responsible, strategies; radiotherapy; attracts; et al.

(2) Comment of reviewer 02507019 and reply

Comments To Authors:

This manuscript is well organized about oncolytic viruses against cancer stem cells. There are too much examples, so the author would better add some more tables or figures contained explanations.

Reply: Thanks for your comments. According to your suggestion, we added a table in the manuscript: CSC markers of different gastrointestinal cancers. Please check it.

Moreover, we also carefully modified the writing and language of the manuscript, please check the revised manuscript.

3 References and typesetting were corrected.

4 Table 1 was added in the manuscript.

Thank you again for publishing our manuscript in the *World Journal of Gastroenterology*.

Sincerely yours

Yigang Wang Ph.D

Xin Yuan Institute of Medicine and Biotechnology

College of Life Sciences Zhejiang Sci-Tech University

Tel: +86-571-86843187

Fax: +86-571-86843185

Email: wangyigang43@163.com