

Response to editors and reviewers

January 13, 2015



Dear Editors & reviewers,

Re: Title: CD97 promotes gastric cancer cell proliferation and invasion through exosome-mediated MAPK signaling pathway

Author: Chao Li, Daren Liu, Guogang Li, Houhong Wang, Xiaowen Li, Wei Zhang, Yulian Wu, Li Chen

Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 15480

Thank you very much for giving me an opportunity to revise my manuscript. We accept your comments totally. The manuscript has been carefully revised according to editors' and reviewers' suggestions which we hope meet your approval. Revised portion is highlighted in red in the revised manuscript. In the language evaluation of peer-review, we received Grade A from all the two reviewers. In addition, we have invited a native speaker to polish the language of our manuscript. We believe that the language of our manuscript has met your requirements. Please find enclosed the revised manuscript in Word format (file name: 15480-review.doc).

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 No. 03016968:

(1) In lines 90-91, it is needed to cite the reference.

Answer: added

(2) In the discussion section, it is needed to discuss better the findings of the previous studies and to compare with the present study, as well as to show the weakness of the present paper.

Answer: Actually, to the best of our knowledge, we haven't found any studies concerning the relationship between CD97 and gastric cancer exosomes, therefore it is difficult to compare our findings with others. However, we compared the findings of exosomes from other tumor types with that of our study in detail (in paragraph 4 and 5 of discussion section), which may contribute to a better understanding of our findings. As for the weakness of our paper, we discuss in the last three paragraphs of discussion section, which are highlighted in red as follows:

1) In the present study, though microarray analysis gave hints that the exosomal miRNAs were involved in the MAPK signaling pathway activation, possibilities that exosomal proteins directly regulated the signaling pathway and/or tumor biological behaviors could not be excluded. Thus, further studies are needed to focus on the relations between exosomal proteins and diverse biological behaviors of gastric cancer related to CD97. 2) However, to the best of our knowledge, there were few studies describing the relationship between CD97-related exosomes and tumor metastasis hitherto, which also merits investigation in the future studies. 3) Although exemplified in vitro, these findings are required to be confirmed in other gastric cancer cell types as well as in animal models to have translational relevance.

3 References and typesetting were corrected

We hope the revised version of the manuscript meets the requirements of your journal for publication. However, if you have more comments and questions or need more information, please don't hesitate to contact us, and we will be happy to revise the manuscript again. Looking forward to hearing from you soon.

Best regards
Yours sincerely,
Li Chen
Yulian Wu

Handwritten signature of Li Chen in black ink.Handwritten signature of Yulian Wu in black ink.