Author's response to reviews

Title: The Effect of Proteoglycans Inhibited by RNA Interference on Metastatic Characters of Human Salivary Adnoid Cystic Carcinoma

Authors:

Hong Shi (shihong_hb@163.com)
Jie Wang (wangjiephd@163.com)
Fusheng Dong (dongfsh@126.com)
Xu Wang (wangxu63@hotmail.com)
Hexiang Li (Lihexiang-2008@163.com)
Yali Hou (yl_hstudent@sina.com)

Version: 5 Date: 11 November 2009

Author's response to reviews: see over
Cover Letter

Dear BioMed Central Editorial Team:

Thank you very much for acceptance my manuscript (MS: 1869934628276378) in principle. We have tried our best to review the manuscript according to the comments of the reviewers. We really appreciate the constructive comments of them. We also have gone through the manuscript formatting checklist and ensured that my revised manuscript conforms to all of the points. A detailed point-by-point response to reviewers’ comments is listed below.

Thank you for your time! We look forward to hearing your final decision!

Sincerely yours,

Hong Shi
Response to Reviewers’ Comments

We would like to thank the reviewers for the positive comments.

Reviewer's report:

In the revised manuscript by Shi et al, changes have been included accordingly to my suggestion. Nevertheless, the authors should specify in the “Discussion” or “Conclusions” section the necessity to confirm their results in other cell lines (such as SACC-83) to assess the generalizability of their findings.

Response: We appreciate the reviewer’s constructive and helpful suggestion. It would be perfect if we have confirm our results in other cell line to assess the generalizability of the findings in this article. In fact, as the first people who began this research, Hong Shi had taken about three years to achieved this research, and now the following researches in other cell lines are carried out by other ones in our group. Substantial progress has been made so far. The SACC-83 cells have been transfected successfully and cell clones were being selected. In the experiment we are pleased to get the similar result: XTLY-I was inhibited by shRNA-WJ4 in SACC-83 cells and proteoglycans were down-regulated significantly. In transient transfection of SACC-83 cells with shRNA-WJ4, the proliferation of tumor cells was inhibited and the metastasis ability in
vitro was suppressed significantly compared with that of the control. We also found in other part of our research that the down-regulated proteoglycans had suppressed the proliferation of SACC-M cells dramatically (article had been accepted by Zhonghua Kouqing Yixue Zazhi, 2009, in press). According to your comments we have specified the result of SACC-83 cells in the “Discussion” section. The data of SACC-83 cells will be shown in another article in future. The detailed content can be found in page 28 (lane: 1-2), page 30 (lane: 17-20), page 33 (lane: 14-16) of this revised manuscript. Thanks a lot for this valuable advice and we are willing to listen to your suggestions!