Author’s response to reviews

Title: miR-221-5p enhances cell proliferation and metastasis through post-transcriptional regulation of SOCS1 in human prostate cancer

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Author’s response to reviews:

Dear Editor in Chief,

Thank you very much for your letter and advice. We have revised the manuscript, and would like to re-submit it for your consideration. We have addressed the comments raised from you, and point by point responses to your comments are listed below this letter.

We hope that the revised version of the manuscript is now acceptable for publication in your journal.

I look forward to hearing from you soon.

With best wishes,

Yours sincerely,

Jinying Zhang

We would like to express our sincere thanks to the reviewers for the constructive and positive comments.

Replies to Editor
Comment 1. The authors still should explain, compare and contrast in the Discussion why their results are different from Coarfa et al. [ref. 21]. They have not done this.

Answer: Thank you for your reminding. We have analyzed the possible causes in the discussion, and you can view in the discussion section, line 10, page 7.

Comment 2: In the Abstract Conclusions, Up-regulation and silenced should be up-regulation and silencing

Results: miR-221-5p down-regulates SOCS1 expression by targeting its 3’UTR. The last sentence has the same problem. Say silencing not silenced.

miR-221-5p regulates MAPK/ERK signaling pathway and EMT features in prostate cancer cells

"On the contrary, closed of miR-221-5p promoted the expression of E-cadherin while suppress the expression of vimentin (Fig. 4D)." I do not know what "closed of" is. Please use the correct expression.

Discussion: At the animal level, silenced of miR-221-5p inhibited significantly the tumorigenesis of prostate cancers in nude mice. Say silencing, not silenced.

Answer: Thank you for your reminding. I have already changed it in my manuscript.