

Format for ANSWERING REVIEWERS



Dec 1, 2015

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 19862-review.doc).

Title: The role of Calcyclin-binding protein or Siah-1 Interacting Protein nuclear translocation in gastric cancer cells

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Name of Journal: World Journal of Gastroenterology

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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) Figure 1, it can be found that there is slight decrease of G0/G1 population from control group to gastrin group (around 3%) but statistical significance was found between these two groups. It will be convinible to give more details or data to explain this.

Thank you very much for your sincere and useful comments.

In Fig1, G0/G1 of control group is about $69.70 \pm 0.46\%$ and $65.80 \pm 0.60\%$ of gastrin treated cells. It seems like slightly difference, but there are statistical significance between these two groups ($P = 0.008$). In manuscript, Fig1 is just one of figures of repeated three experiments about cell cycle. More detail about these data has published in 2014. 【Reference 17: Zhai HH, Meng J, Wang JB, Liu ZX, Li YF, Feng SS. CacyBP/SIP nuclear translocation induced by gastrin promotes gastric cancer cell proliferation. World J Gastroenterol. 2014 Aug 7; 20 (29):10062-70.】

To avoid the same question is present by other's reviews, we add new note on line 11 page 15 in manuscript: **This result is consistent with previous findings** [17]. This revise are marked in red in the manuscript for easy tracking purpose.

(2) Figure 3, 8 and 9, some of the bands in these 3 figures were ruined which were not good enough

to support the results. It will be necessary to replace these figures with a better western blot results.

Thank you for your valuable suggestion.

We thoroughly looked through the figures of Fig3, 8 and 9. There are some of unclear bands. Then we checked our experimental records. Unfortunately, there aren't better western blot results. We planned to repeat these experiments to get better WB figures, but we need order some of antibodies to finish it. After our thinking over, we gave up this idea.

So, we couldn't change the figures of Fig 3, 8 and 9.

(3) The role of CacyBP/SIP is associated with ubiquitination, proliferation, differentiation, tumorigenesis, cytoskeletal rearrangement and regulation of transcription. In this study, the authors try to prove that gastrin can induce the nucleus translocation of CacyBP/SIP which can bind Skp1 to trigger the degradation of P27kip1 and affect the cell cycle. It will be important to provide more data on cell proliferation and cell cycle affected by gastrin and CacyBP/SIP nucleus translocation.

Thank you for carefully and patiently reviewing our manuscript.

Nuclear translocation of CacyBP/SIP could promote the cell proliferation, enhance anchorage-dependent growth. These data have published in 2014 【Reference 17: Zhai HH, Meng J, Wang JB, Liu ZX, Li YF, Feng SS. CacyBP/SIP nuclear translocation induced by gastrin promotes gastric cancer cell proliferation. *World J Gastroenterol.* 2014 Aug 7; 20 (29):10062-70.】

To avoid repeat present the results, we didn't provide the data about the CacyBP/SIP nuclear translocation to affect the cell proliferation in this manuscript.

(4) It will be more clearly understandable to support a diagram contains the interaction and mechanism of gastrin, CacyBP/SIP, P27kip1 and Skp1 in gastric cancer.

Thank you very much for your advice. We have added diagram (data are shown in Fig10, line 12 Page 14) to clarify this issue and note: **The diagram containing the interaction and mechanism of gastrin, CacyBP/SIP, P27kip1 and Skp1 in gastric cancer was shown in Fig 10.** This revise are marked in red in the manuscript.

3 References and typesetting were corrected.

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

Sincerely yours,

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