

30 April, 2017

Dear Editor

Please find enclosed the edited manuscript in Word format (file name: 33850-Revised manuscript.docx)

Title: Changes of the Ghrelin/GOAT axis and the mTOR pathway in the hypothalamus after sleeve gastrectomy in obese type-2 diabetes rats

Author: Qiang Wang, Wei Tang, Wen-Sheng Rao, Xin Song, Cheng-xiang Shan, Wei Zhang

Name of Journal: World Journal of Gastroenterology

Manuscript NO: 33850

Thank you very much for your letter and for the reviewer's comments concerning our manuscript entitled "Changes of the Ghrelin/GOAT axis and the mTOR pathway in the hypothalamus after sleeve gastrectomy in obese type-2 diabetes rats" (NO:33850). We have studied comments carefully and have made correction which we hope meet with approval. A point-by-point response to each of the referees' comments is attached.

Response to Editors:

- 1.The language of this paper has been corrected by "American Journal Experts". The language certificate has been uploaded.
- 2.I have completed the requirement and upload 14 files.
- 3.I am very sorry for that Zhang W have not institutional email. Zhang W, Tang W and Shan CX have one article published on World Journal of Gastroenterology, named "Dual-sided composite mesh repair of hiatal hernia: Our experience and a review of the Chinese literature"

I hope that our paper could be accepted for publication in World Journal of Gastroenterology. Please do not hesitate to contact us if have additional suggestions and comments on improving our paper.

Response to Reviewer (NO 03317069):

Question 1 (Materials and methods, Page 4, Line 30- Page 5, Line 20) It seems to be difficult to understand each operation method. The authors should show the intraoperative photo or schema.

Response: We modified the expression of operation method and show the intraoperative to make it express better.

Question 2 (Materials and methods, Page 5, Line 14-17) Why was the incision length along the greater curvature different between SG group and Sh group?

Response: We rewrote this part to make it express better. In SG group, before we resected the gastric fundus and a large portion of the gastric body, we made a 3-5mm incision to empty the stomach contents. This step could avoid the contents outflow quickly to prevent abdominal infection. In Sh group, we also made a 3-5mm incision to empty the stomach contents, then we extended this incision to 2cm and a waiting time that corresponded to the resection time in SG rats before stomach closure. This step is to reduce the error caused by two different interventions (SG and Sh).

Thank you very much for your comments. I hope my answer can make you understand and accept. Please do not hesitate to contact us if have additional suggestions and comments on improving our paper.

Sincerely yours

Wei Zhang, MD, PhD, Corresponding

Author

Qiang Wang, First Author