Dear Editors,

On behalf of all authors, I thank you and the reviewers for the helpful comments concerning our manuscript entitled "Glucagon-like peptide-2 modulates the nitrergic neurotransmission in strips from the mouse gastric fundus". The suggestions have been taken into account to revise and improve our paper.

Sincerely Yours,

Maria Caterina Baccari

Reviewer Name:	Anonymous
Review Time:	2017-08-02 15:27
Comments To Authors:	This is a very interesting study investigating the influence of GLP2 on neutrally-induced responses in gastric fundal strips. There a few concerns that need to be addressed to improve the quality of this manuscript. 1). Fig.3 needs a control panel without GLP-2 treatment. *Figure 3 has been modified following the Referee request.* 2). Fig.5 needs images of DAPI staining in related to Fig.5A and 5B, and the merged images of nNOS staining and DAPI for better demonstration. In addition, it is also suggested to include H&E stained images of the tissue sections here. *Figure 5 has been modified following all referee' suggestions and now is listed as Figure 6 since Figure 5 contains the H&E stained images.*
Classification:	Grade B (Very good)
Language Evaluation:	Grade B: minor language polishing
Conclusion:	Minor revision

Reviewer Name:	Anonymous
Review Time:	2017-08-03 02:00
Comments To Authors:	1.Authors should add Fluorescent staining negative control in Fig5; *The negative control has been added in the Figure* 2.Authors described "Tissue sampling for morphological studies" in MM, but not result presented in Results section; *A new paragraph has been added in the Results section related to tissue sampling.* 3.The title of Fluorescence microscope immunohistochemistry should be

replaced by immunofluorescent staining in MM;
The suggested terminology has been adopted.

4. Authors claimed that the amplitude of the EFS-induced fast nitrergic relaxation was increased in the presence of GLP-2 (2 nM or 20 nM) ,but authors in Fig 5 checked the change of nNOS with treatment of GLP-2 at 20 nM only, 2 nM?

The choice of the higher concentration of GLP-2 to test the possibility that the hormone could increase the nNOS expression in the neurons relies on following considerations: the effects of GLP-2 in the physiological studies were dose dependent and at the concentration of 20 nM were completely prevented by the NO synthesis inhibitor L-NNA, indicating that even at this dose the hormone actions selectively involved the nitrergic system. For the above reasons, by employing the higher concentration of GLP-2 we expected a major effect on nNOS expression, likely, statistically significant thus allowing a better comparison with the mechanical results obtained in the presence of L-NNA (Fig. 2).

5. Some sentences should be further polished.
In regard, the manuscript has been sent to a specialized biomedical editing company for the language evaluation (as suggested by the Editor)

Classification:	Grade B (Very good)
Language Evaluation:	Grade B: minor language polishing
Conclusion:	Major revision