



## Baishideng Publishing Group Co., Limited

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### ESPS Peer-review Report

**Name of Journal:** World Journal of Gastroenterology

**Ms:** 2386

**Title:** Rotavirus infection impairs intestinal barrier function in piglets but is not exacerbated by acute protein-energy malnutrition.

**Reviewer code:** 00069855

**Science editor:** l.l.wen@wjgnet.com

**Date sent for review:** 2013-02-20 08:35

**Date reviewed:** 2013-02-26 17:27

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

### COMMENTS

COMMENTS TO AUTHORS:

Comments on Manuscript NO. 2386 to Author Dear Sir/Madam: I am glad to read your manuscript titled “Acute effects of rotavirus and malnutrition on intestinal barrier function in neonatal piglets” (No. 2386), and felt your research work and results fulfill the mission of WJG. Some writings need to be adjusted as listed below.

1. Abstract (line 40-63): (1) Because your manuscript is an original report or brief report, please indicate Aim, Methods, Results, and Conclusions in your abstract (please refer papers that have been published in WJG). (2) Line 42: Please define which enzyme you detected.

2. Key words (line 65-66): Please add rotaviral infection or rotavirus in order for collectors to classify your paper.

3. Methods: (1) Line 144 and line 158: Use 00:00AM/PM time pattern instead of 0000h pattern in order for readers of WJG in most nation of the world to read and understand. (2) Define at 10:00AM in which day you infected rotavirus to animals. (3) Indicate which kind of methods you employed to detect rotavirus that shed from experimental animals.

4. Results: (1) Line 229-247: About the loss of body weight in experimental animals on day 3: multiple factors such as nutrition intake, growth, and loss of water because of diarrhea should be considered and explained. (2) Line 253: Adjust “Intestinal enzyme activity and morphology” to “Intestinal lactase activity and morphology” (If you can add photos showing the changes of intestinal histology) or “Intestinal lactase activity, villus height and crypt depth” (If you can not add photos to show intestinal histology). (3) Line 253-260: As just mentioned above, if you can add photos to show the changes of intestinal histology between infected and non-infected groups at the day 3, it will be perfect. Thank you,