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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 10807

Title: Preservation of impaired intestinal mucosal barrier by glucagon-like peptide-2 in rats with obstructive jaundice

Reviewer code: 00001391

Science editor: Yuan Qi

Date sent for review: 2014-04-21 13:52

Date reviewed: 2014-05-30 18:38

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input checked="" 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	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	language polishing	BPG Search:	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input checked="" type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

In the title and the abstract you say "rats" but in some occasions in the Results you indicate "mice". Please be homogen. Can you precise the protocol of GLP-2 in the group OBGLP-2: one single peritoneal injection (like I suppose) or injection every day? Is there a difference and a control in oral/enteral intake (water and chow) between the 3 groups of rats? If not, it may explain some of the differences. In some countries GLP-2 (teduglutide) has an authorization for the health market in short bowel syndrome and is not only for phase II or III clinical trials. Please add.

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 10807

Title: Preservation of impaired intestinal mucosal barrier by glucagon-like peptide-2 in rats with obstructive jaundice

Reviewer code: 00187937

Science editor: Yuan Qi

Date sent for review: 2014-04-21 13:52

Date reviewed: 2014-06-07 17:11

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

COMMENTS TO AUTHORS

In this study Dong et al. have evaluated protective effect of glucagon-like peptide -2 (GLP-2) on intestinal barrier function in rats. The study has been well designed, but there are some major and issues to be re-evaluated. Major issues; 1. Serum samples had been obtained respectively on day 1,3,7,10,14 after centrifugation and stored at 4oC until analysis. As we know waiting at least 14-day is long to measure the ALT and total bilirubin to get the reliable results. This is very important in this study. Normally, these parameters should be measured in maximum 2 or 3 days, even though stored in 4 C. 2. Authors had expressed the results as means and standard errors. These parameters should be expressed as mean±SD or median(25th-75th interquartile range), if the distribution of the results in each group is Gaussian or non-Gaussian, respectively. 3. Authors have used LSD-t test for the comparison of means of independent samples. As we know, LSD-t test is a parametric test and it is not proper to use it after the non-parametric test, Kruskal-Wallis variance analysis. Therefore, authors should have used 'Mann Whitney U test' for the comparison of two groups in non-parametric situations. 4. The quality of the English is not good. For example; in the sentence beginning with 'Also' in the first paragraph of introduction, 'significant' should be replaced by 'significantly'. The manuscript should be edited by a native speaker. Sincerely.

ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 10807

Title: Preservation of impaired intestinal mucosal barrier by glucagon-like peptide-2 in rats with obstructive jaundice

Reviewer code: 00070310

Science editor: Yuan Qi

Date sent for review: 2014-04-21 13:52

Date reviewed: 2014-06-10 06:32

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input 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 checked="" type="checkbox"/> Grade C (Good)	<input checked="" 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 checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

This paper shows the usefulness of GLP-2 in rats with obstructive jaundice. This manuscript is interesting and most parts of the paper are clearly detailed. However, it will require some changes before it can be accepted for publication. 1, Please check English by a native speaker. 2, Please impact the mechanism of GLP-2 to preserve impaired intestinal barrier.