



## Baishideng Publishing Group Co., Limited

Flat C, 23/F., Lucky Plaza,  
315-321 Lockhart Road, Wan Chai, Hong Kong, China

### ESPS Peer-review Report

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

**ESPS Manuscript NO:** 8871

**Title:** Exploring the intestinal mucosal barrier protection mechanism after heterotopic intestinal transplantation

**Reviewer code:** 00002314

**Science editor:** Gou, Su-Xin

**Date sent for review:** 2014-01-11 16:36

**Date reviewed:** 2014-02-13 15:31

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	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	language polishing	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

This study uses an animal model to suggest a potential use of stem cells in small bowel transplantation. Methods are adequate, results clearly presented and the translational potential of these experiments put into perspective. I have no major issues to raise.

**ESPS Peer-review Report****Name of Journal:** World Journal of Gastroenterology**ESPS Manuscript NO:** 8871**Title:** Exploring the intestinal mucosal barrier protection mechanism after heterotopic intestinal transplantation**Reviewer code:** 02837202**Science editor:** Gou, Su-Xin**Date sent for review:** 2014-01-11 16:36**Date reviewed:** 2014-02-24 05:07

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input 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	<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**

**Title:** I think that the title should be modified according to the content of the manuscript: it is not only an "exploratory" study about the intestinal mucosal barrier mechanisms after HIT, you have also tested the utility of BM MSCs, so an appropriate title could be for example "BM MSCs role in intestinal barrier permeability after HIT" or "protective effect of BM MSCs in..." It is also necessary to correct the AIM of the Abstract according with the sentence you wrote at the end of study introduction to clarify the object of the study. **Materials and Methods:** it is not clear why you have used two different species of rats (BN and LEW) How many animals per group have you used? How many animals for each time point were sacrificed? All the animals survived until the sacrifice? have you observed mortality? Please add these informations.