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315-321 Lockhart Road,
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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 5897

Title: The intestinal barrier in inflammatory bowel disease

Reviewer code: 00068478

Science editor: Gou, Su-Xin

Date sent for review: 2013-09-29 16:16

Date reviewed: 2013-10-04 22:28

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 language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

Re: "The intestinal barrier in inflammatory bowel disease" The authors provide us with a comprehensive overview of the intestinal barrier in IBD. However, I have some concerns regarding the comparative length of the discussion of each analyzed factor. In the first part, I find that the discussion of the "intestinal mucus layer" is too extended, while on the other hand the very important paracellular barrier and its associated molecular and functional components (Tight Junctions) are underestimated. The authors should also refer to the importance of enterocytes' homeostasis, how it is preserved and what is the role of proliferation and apoptosis. In the second part, the epithelial permeability alterations should be further developed considering authors' assumption that "increased permeability may be a primary factor in disease pathogenesis".



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 5897

Title: The intestinal barrier in inflammatory bowel disease

Reviewer code: 02444951

Science editor: Gou, Su-Xin

Date sent for review: 2013-09-29 16:16

Date reviewed: 2013-10-06 16:11

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

COMMENTS TO AUTHORS

The review entitled "The intestinal barrier in inflammatory bowel disease" from Antoni L and colleagues gives a very good and comprehensive overview about the current understanding of the complex mechanisms involved in the pathogenesis of IBD. Every scientific relevant aspect of the central role of the intestinal barrier in this context has been pointed out - underlined by striking figure/table.