

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 5614

Title: The role of enteric bacterial proteases in inflammatory bowel disease

Reviewer code: 00505024

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-09-17 17:44

Date reviewed: 2013-09-18 07:55

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[Y] Grade A (Excellent)	[Y] Grade A: Priority Publishing	Google Search:	[Y] Accept
[] Grade B (Very good)	[] Grade B: minor language polishing	[] Existed	[] High priority for publication
[] Grade C (Good)	[] Grade C: a great deal of language polishing	[] No records	[] Rejection
[] Grade D (Fair)	[] Grade D: rejected	BPG Search:	[] Minor revision
[] Grade E (Poor)		[] Existed	[] Major revision
		[] No records	

COMMENTS TO AUTHORS

The authors reviewed in a great detail about the enteric microbial proteases-mediated IBD. The subject matter is very interesting. The elucidation of the protease-induced pathogenesis is clear. The authors also pointed out the future research direction to identify the protease-producing pathogenic bacteria and the potential therapeutic targets to interfere with such pathological processes. Minor: 1, In the first paragraph of introduction, the authors pointed out that it is detrimental to disrupt the epithelial barrier. It would be better if they could briefly discuss that protection of epithelial cells and restoration of epithelial barrier integrity alleviate IBD symptoms. Such a discussion will form a strong support about their late discussion on drug targets. such evidences can be seen in the paper as : Jiang GL, Nieves A, Im WB, Old DW, Dinh DT, Wheeler L. The prevention of colitis by E Prostanoid receptor 4 agonist through enhancement of epithelium survival and regeneration. J Pharmacol Exp Ther. 2007 Jan;320(1):22-8. 2, On page 3, the last line, is that "IBS" or "IBD"? Please double check. 3, On page 13, it is hard for me to understand the following sentence, please modify: "Spacifically, macfarlane...pancreatectomy.....that had a pancreas."

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 5614

Title: The role of enteric bacterial proteases in inflammatory bowel disease

Reviewer code: 00036023

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-09-17 17:44

Date reviewed: 2013-09-25 00:07

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

This is a fairly comprehensive review of bacterial proteases in IBD, there are no major defects.

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 5614

Title: The role of enteric bacterial proteases in inflammatory bowel disease

Reviewer code: 00504725

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-09-17 17:44

Date reviewed: 2013-09-25 08:54

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

Can this review be abbreviated somewhat so that the non expert can follow?

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 5614

Title: The role of enteric bacterial proteases in inflammatory bowel disease

Reviewer code: 00742314

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-09-17 17:44

Date reviewed: 2013-09-26 21:40

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 checked="" 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

The present paper aimed “to provide an overview of current studies that suggest potential mechanisms in which microbial proteases may play a role in the pathogenesis of IBD”. It’s a well-written paper very clear and consistent. However, I strongly suggest the authors to include a discussion section, where all the ideas could be put together and the data from different authors could be confronted. Specific comments: - Please add a reference in the end of the first paragraph of the introduction. - Please add a reference in the end of the first paragraph of page 4, before the aim. - On page 13, Figure 1, please correct the bacterial name to *P. gingivalis* (and not *P. gingaivalis*)