



JOURNAL EDITOR-IN-CHIEF'S REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 48672

Title: Beneficial effects of nutritional supplements on intestinal epithelial barrier functions in experimental colitis models in vivo

Journal Editor-in-Chief (Associate Editor): Andrzej S. Tarnawski

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SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<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"/> Rejection
<input type="checkbox"/> Grade D: Fair	language polishing	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Major revision

JOURNAL EDITOR-IN-CHIEF (ASSOCIATE EDITOR) COMMENTS TO AUTHORS

In this minireview the authors discussed in detail the potential beneficial effects of nutritional supplements on intestinal epithelial barrier functions in experimental colitis models in vivo. The article is well designed and contains a lot of information, including the mechanisms involved. Importantly, in the discussion the authors addressed the limitation of the described animal studies, and posed a major question whether findings from experimental colitis models are applicable to human disease. Clearly, humans are very different from rodents, thus limiting the usefulness of these data so that data from experimental colitis models have to be interpreted with caution. The article was reviewed by 3 reviewers who rated it positively - "minor revisions". The authors responded in my opinion positively to reviewers' comments. If possible I would suggest the authors to include a paragraph on the important role of not only epithelial but also endothelial barrier in the mechanisms of colitis