



# BAISHIDENG PUBLISHING GROUP INC

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## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**ESPS manuscript NO:** 33838

**Title:** Diabetes-induced mechanophysiological changes in the small intestine and colon

**Reviewer's code:** 02441070

**Reviewer's country:** China

**Science editor:** Xiu-Xia Song

**Date sent for review:** 2017-03-10

**Date reviewed:** 2017-03-10

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<input checked="" type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

### COMMENTS TO AUTHORS

This paper make a review on diabetes-induced mechanophysiological changes in the small intestine and colon. It could give a systemic review in such area.The references should be reduced.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**ESPS manuscript NO:** 33838

**Title:** Diabetes-induced mechanophysiological changes in the small intestine and colon

**Reviewer's code:** 03460306

**Reviewer's country:** Japan

**Science editor:** Xiu-Xia Song

**Date sent for review:** 2017-03-10

**Date reviewed:** 2017-03-11

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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 checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
		BPG Search:	<input checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

### COMMENTS TO AUTHORS

In this review, Zhao et al. summarized diabetes-induced mechanophysiological changes in the small intestine and colon. The topic is clinically important and the review was written well in-depth. There are some comments. 1. The mechanophysiological changes in small intestine and colon also result in changes in microbiota. The authors may add the section on microbiota. 2. Celiac disease is an autoimmune disease and it seems that mechanophysiological changes plays only a minor role. This section sounds a little strange in the scope of this review. 3. The section of colon cancer also seems a little different from the scope of this review since the risk of colon cancer is already increased with obesity and without diabetes. The link between the colon cancer and mechanophysiological changes should be more clearly described. 4. Gastric motility as well as small intestine and colon motility is also important. Why the authors did not mention gastric motility in this review? 5. There are several anti-diabetic agents available which act through GI tract such as alpha-glucosidase inhibitors and GLP-1 receptor agonists. This review would become more clinically relevant if the authors



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mention these agents in the article.



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## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**ESPS manuscript NO:** 33838

**Title:** Diabetes-induced mechanophysiological changes in the small intestine and colon

**Reviewer's code:** 03648962

**Reviewer's country:** Pakistan

**Science editor:** Xiu-Xia Song

**Date sent for review:** 2017-03-10

**Date reviewed:** 2017-03-13

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<input checked="" type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
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		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

### COMMENTS TO AUTHORS

No specific comments

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**ESPS manuscript NO:** 33838

**Title:** Diabetes-induced mechanophysiological changes in the small intestine and colon

**Reviewer's code:** 03469232

**Reviewer's country:** Japan

**Science editor:** Xiu-Xia Song

**Date sent for review:** 2017-03-10

**Date reviewed:** 2017-03-14

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
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		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

### COMMENTS TO AUTHORS

The review entitled "Diabetes-induced mechanophysiological changes in the small intestine and colon" shows that exploring DM-induced intestinal and colonic changes is important for the management of diabetes complicated with gut disorders such as diarrhea, constipation, colon cancer, and celiac disease. The manuscript addresses an interesting issue and is well written; however, I would suggest a few revisions to improve the manuscript. 1) Recently, accumulating evidence suggests that gut microbiota exerts a role in the pathogenesis of diabetes and obesity [Rev Endocr Metab Disord. 2015;16:55-65.] as well as metabolic syndrome [World J Gastroenterol. 2014;20:16079-94.]. Moreover, the link between GLP-1/GLP-1 receptor expression and gastrointestinal motility mediated by gut microbiota has been investigated [Yang et al. Am J Physiol Gastrointest Liver Physiol. 2017, in press.]. Gut microbiota may modulate immune function, neuroendocrine system, and autonomic nervous system, which is one of the topical theme. I would suggest to add a paragraph describing the association between diabetes and gut microbiota related to functions of small intestine and colon to



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this review. 2) Abbreviations should be correctly used. For example, the authors need not to abbreviate “magnetic resonance imaging” as “MRI” in page 12, line 6, because the term, “MRI” is appeared only once in the manuscript. In addition, complete expression of “AGE” and “RAGE” in page 13, “GLP-2” in page 15, “CNS” in page 18, “IDDM” in page 19, “IGF-1” in page 21, “DRG” in page 24, and “DPP” in page 29 should be described because these abbreviations are first appeared in the text. 3) I would suggest to delete “(Forrest et al, 2008)” and “(2001)” in page 23, line 3-4. Thank you for the opportunity to review your manuscript.