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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

ESPS manuscript NO: 13122

Title: Advanced glycation end-product expression is upregulated in the gastrointestinal tract of type 2 diabetic rats

Reviewer's code: 01408945

Reviewer's country: Japan

Science editor: Yue-Li Tian

Date sent for review: 2014-08-07 08:38

Date reviewed: 2014-10-06 19:41

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	PubMed 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 checked="" 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"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		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

Manuscript Number: 13122 Manuscript Title: Up-regulated expression of Advanced Glycation End-Product expression in the Gastrointestinal Tract of Type 2 Diabetic Rats Corresponding Author: Dr. Peng-Min Chen et al. Chen PM et al. investigated the increased advanced glycation end products (AGEs) and their receptor (RAGE) expression in the gastrointestinal (GI) tract in type 2 diabetic rats. This manuscript is well written. However, there are some criticisms. The reviewer's critiques are as follows. Major criticism: 1. The most important issue is that this study is not directly demonstrated the relationship between high density of AGE and the expression of RAGE in the intestine, and GI dysfunction. It is difficult in the animal models, as authors have mentioned in the text. Minor criticism: 1. There are no key words. 2. In the Statistically analysis section, authors mentioned that the results were expressed as meansSD unless indicated in the text. There is lack of "±". 3. There are many English and English grammatical errors. Native English speakers should correct this manuscript. 4. In the references section authors should correct the texts, which were copied and pasted. 5. In the figure legends section, authors should explain abbreviation "GK" in



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the figure 1,2,3, and 4.



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

ESPS manuscript NO: 13122

Title: Advanced glycation end-product expression is upregulated in the gastrointestinal tract of type 2 diabetic rats

Reviewer's code: 02446566

Reviewer's country: Afghanistan

Science editor: Yue-Li Tian

Date sent for review: 2014-08-07 08:38

Date reviewed: 2014-10-21 12:40

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	PubMed Search:	<input type="checkbox"/> [Y] Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> [Y] Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> [] High priority for publication
<input type="checkbox"/> [Y] Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> [] Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> [] Minor revision
<input type="checkbox"/> Grade E: Poor		[Y] No	<input type="checkbox"/> [] Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

This is an interesting study and I have some questions. 1)The life span of epithelial cells of the villi may be several days. How long does it take for the proteins in the epithelial cells are glycated or do the epithelial cells uptake AGE made in other part of the body? 2)To say the relationship with AGE and thickness of colon mucosa, comparison of the staining of colon muscle between GK and control is desirable in Fig 4. 3)Statistically, only the staining in duodenum is stronger in the GK group as shown in Fig 4 F. Therefore to say something about the increase of AGE and morphological or functional changes in diabetes needs more data (in the future).