

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 63316

Title: Diabetes-related intestinal region-specific thickening of ganglionic basement membrane and regionally decreased matrix metalloproteinase 9 expression in myenteric ganglia

Reviewer's code: 00503623

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: Hungary

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Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-02-03 15:11

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Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

This manuscript reports the results of studies on the intestinal-specific effects of streptozotocin-induced diabetic and insulin-treated diabetic rats on ganglionic basement membrane (BM) thickness and the expression of MMP-9 and TIMP-1. The results established that the onset of diabetes was associated with ganglionic BM thickening in ileum but not in the duodenum, and that insulin treatment prevented the diabetes-related thickening of the BM surrounding the ileum mesenteric ganglia. Moreover, these changes were reflected in a decrease in ileum MMP-9/TIMP-1 ratio. This is interesting and well-presented study. However, the “Abstract” section is very long and diffuse, and hence requires judicious shortening. There are also numerous misspelled words through the text, e.g., proteolytic, proximo, ileal and so on. Furthermore, the section on “Materials and Methods” is too descriptive and should be reduced in volume.