

### **Answer to Reviewer 1:**

Thank you very much for your report and supporting opinion. Based on your suggestions, we prepared our revised manuscript.

#### **1. The graphics of figure 2 could be improved.**

The graphics of Figure 2 was edited and improved, as well as a detailed legend was added to Figure 2 in the revised manuscript.

#### **2. Please check the text carefully as there are a couple of grammatical and/or typo errors.**

We checked the text and corrected grammatical and typo errors.

#### **3. Please check the References, especially the nr. 76.**

We checked the reference list, ref. 76 was corrected in the revised manuscript.

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### **Answer to Reviewer 2:**

Thank you very much for your report and comments. Based on your notes, we prepared our revised manuscript.

#### **1. Regarding the Title does not reflect the topics of the minireview. The title is written as "Intestinal region-specific environment of the enteric neurons in type 1 diabetes". I would suggest that the authors think a title not only enteric neuron, but a broader title.**

The title of the manuscript was changed to better reflect our goal to discuss the key elements determining the intestinal region-dependent neuronal environment.

#### **2. I would suggest that the topic on Intestinal Epithelium be described in more details about the effects of diabetes.**

This section was more detailed in the revised manuscript and added more references to describe the effects of diabetes on intestinal epithelium.

#### **3. I suggest to the authors a topic on the effect of diabetes on the Enteric Nervous System.**

The effects of diabetes on the enteric nervous system are well-discussed in more reviews (Chandrasekharan and Srinivasan 2007, Yarandi and Srinivasan 2014), and we also summarized it in our former paper (Bagyánszki and Bódi 2019). Therefore, we mentioned it only in the Introduction part and focused on the main environmental factors in the gut wall which determine the environment of enteric neurons and their projections. According to your comment, we emphasized better the effects of diabetes on enteric neurons with more references in this section.

#### **4. I suggest in Figure 1 to use arrows to demonstrate the structures.**

Histological layers of the gut, myenteric and submucous ganglia were demonstrated in the revised version of Figure 1.

#### **5. Figure 2 would need a caption with more details.**

The graphics of Figure 2 was edited and improved, as well as a detailed legend was added to Figure 2 in the revised manuscript.

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**Answer to Reviewer 3:**

Thank you very much for your report and supporting opinion to accept the manuscript for publication.