

Dear Editor and Reviewers,

Thanks very much for taking your time to review this manuscript. I really appreciate all your comments and suggestions! Please find my itemized responses in below and my revisions and corrections in the re-submitted files.

Thanks again!

#### SUGGESTIONS FROM EDITOR:

- 1) We have added a section on gastrointestinal electrophysiology to the revision manuscript and modified the correct table format. For the schematic diagrams of each extracellular recording technique, we could not obtain authorization from other authors for a short period. Therefore, we cannot fulfill your request.

#### COMMENTS TO THE AUTHOR:

##### Reviewer #1:

- 1) In the revised manuscript, we added a section on gastrointestinal electrophysiology, gastrointestinal function disorders, and related diseases incidence in Introduction and Main Text.
- 2) For the schematic diagrams of each extracellular recording technique, we could not obtain authorization from other authors for a short period. Therefore, we are unable to fulfill your request.
- 3) We have added the Important research of extracellular recording technology in Table 1 based on your suggestion. However, we believe that a chronological summary is more appropriate for this section.

##### Reviewer #2:

We carefully proofread the manuscript for grammar, spelling, and punctuation. In the revised manuscript, we added a section on gastrointestinal electrophysiology and gastrointestinal function disorders in Introduction and main text. We also summarized the milestone research of extracellular gastrointestinal slow wave

recording in Table 1.