|  |  |
| --- | --- |
|  | |
| Book Name: | [**Medical Science: Trends and Innovations**](https://www.bookpi.org/bookstore/product/medical-science-trends-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4872** |
| Title of the Manuscript: | **Characteristics of gastric emptying on glycemic responses in the T2DM-SHR/Ntul//-cp (Corpulent) rat** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Gastroenterology & Hepatology: Open access, 16(1): 28-33, 2025.**

**Available:** [**https://medcraveonline.com/GHOA/volume\_issues?issueId=4399&volumeId=1161**](https://medcraveonline.com/GHOA/volume_issues?issueId=4399&volumeId=1161)

|  |  |  |
| --- | --- | --- |
| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This book chapter focused on the relationship between gastric emptying and glycemic respone in obese rat and typeII diabetes which make it important for scientific community. It also provides Visions on the role amylin and Sirt1 in regulation of stomach function and effects on insulin resistanse.This may contribute in** **developing new therapeutics strategies for** **gastrointestinal disorders associated with** **diabetes. In addition this study extend to peripheral neuropathy science. This can aid understanding of Gastroparesis and relationship with metabolism in advanced stages of disease.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Suitable **✓** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | 1. **The opening sentence very long, its peferable to divided into short sentences to clarity the research idea.** 2. **Linking insulin resistant effect and amylin with gastric emptying(More clearly)** 3. **Add more clarification of expression association of obese and epigenetic expression** 4. **Reorganize the show of results** **that there is an arrangement between obese, insulin resistance,** **glucose tolerance and gastric emptying disorder.** 5. **reduce repetition such as effect of age on glucose response (combined to avoid repetition)** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript is scientifically correct.** It based on proper methodology. However, it would be beneficial copare the results with Human clinical data to demonstrate the applicability on Human Diabetics. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **There are references seeing back to the 80s and 90s.** **Which may requirement to be updated the references.** **Newest reflects modern developments of Metabolism and Irritable bowel syndrome.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | The article is good of academic English language but need more impovment. |  |
| Optional/General comments | 1. kindly mention the software used in statistical methods with version 2. in methods add the Study period and place was the study conducted 3. Requirement to be updated the references.   Mention just that “The study was approved by the Institutional Animal  Care and Use Committee” its needs to mention (APPROVAL NUMBER/ID) |  |

|  |  |  |
| --- | --- | --- |
| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewers:**

**Khulood Ayad Majeed, University of Kirkuk, Iraq**