

Dear Reviewer #1:

**Specific Comments to Authors:** It is well written review article the authors explain all the areas well and present the data in concise clear way it still understood the exact mechanism and they prove it will remain well done.

**Response:** Thank you very much for providing valuable comments on revising our article. We are proud and honored by your comments and decisions.

Dear Reviewer #2:

**Specific Comments to Authors:** Author has written well and more informative review articles. Few points need to discuss to attract readers] 1: Author should discuss about advancement, what are the advancement has been made so far in laparoscopic sleeve gastrectomy in treatment of T2DM (old procedure and advanced procedure modification). 2: Advanced method graphical presentation. 3: When you are talking about different markers, put some picture showing the mechanism 4: Add more about Adipokines. 5: Interactions of BAs and GM, draw some picture.

**Response:** Thank you very much for providing valuable corrections to our manuscript. We have made the following changes to address your questions.

1. In the "Development of bariatric/metabolic surgery and overview of procedures" section of our article, we present the current advancement of laparoscopic sleeve gastrectomy in treating type 2 diabetes mellitus and its comparison with other surgical or pharmacological modalities.
2. We have added some images to the manuscript to help the authors better understand the article.
3. We added the picture named "Mechanism of laparoscopic sleeve gastrectomy to improve type 2 diabetes mellitus through gastrointestinal hormones" to the section on gastrointestinal hormones.

4. Based on your suggestion, we have added a section to Adipokines that discusses the effect of laparoscopic sleeve gastrectomy on Retinol binding protein 4 and the possible outcomes.
5. We have followed your suggestion to map the interaction between gut microflora and bile acids.