

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Research and Reports in Endocrinology</a>
Manuscript Number:	Ms_AJRRE_130751
Title of the Manuscript:	Gut hormones in glucose homeostasis and current treatment approach in the control of T2DM - A succinct review
Type of the Article	Review Article

#### PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>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.</b>	<p>Manuscript presents a scientifically rich, well-structured, and clinically relevant discussion on gut hormones and their role in glucose metabolism and type 2 diabetes mellitus (T2DM) management.</p> <p>The manuscript thoroughly examines both incretin (GLP-1, GIP) and non-incretin gut hormones (CCK, gastrin, ghrelin, leptin, PYY, oxyntomodulin) in glucose regulation.</p> <p>The manuscript effectively bridges basic physiology with clinical applications.</p> <p>It highlights GLP-1's anti-apoptotic effects on <math>\beta</math>-cells, its ability to stimulate proliferation, and its role in incretin-based therapies. The mention of DPP-4 inactivation of GIP is crucial for understanding the limitations of GIP in T2DM therapy.</p>	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	Yes, Title is appropriate to the manuscript	
<b>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.</b>	<p>Instead of "Research has proved," specify a study or source to strengthen credibility.</p> <p>Some sentences are grammatically incorrect or unclear.</p> <p>First-generation gut hormone treatments-GLP-1 analogues (incretin mimetics)" → The term "first-generation" is vague.</p>	
<b>Is the manuscript scientifically, correct? Please write here.</b>	The inclusion of historical context strengthens its scientific credibility.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	No suggestions	

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<p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>Some sentences are grammatically incorrect or unclear.</p>	
<p><b>Optional/General</b> comments</p>	<p>Improve Clarity, Logical Flow, and Structure            Problem: The manuscript has abrupt transitions between sections and redundancies in hormone discussions.</p> <p>Some statements lack specific mechanisms or references such as PYY improves insulin sensitivity.</p> <p>Long-term safety concerns of gut hormone therapies are not addressed.</p> <p>Inconsistent Terminology: "Leptins" should be singular: "Leptin" is the correct term.</p> <p>Table Formatting Issues: The table contains inconsistent formatting (e.g., "Harmone" should be "Hormone").            Some descriptions are too brief (e.g., "Leptin regulates absorption of glucose" → How?).</p> <p>Missing concepts: Acylated ghrelin (AG) vs. Unacylated ghrelin (UAG): AG increases glucose levels by suppressing insulin secretion. UAG may counteract AG's diabetogenic effects and improve insulin sensitivity.</p> <p>Improve formatting and terminology – Ensure correct spelling (e.g., "Ghrelin" instead of "Gherlin") and maintain consistency in hormone descriptions.</p> <p>CONCLUSIONS : The text cautions against side effects but does not specify which side effects are clinically relevant.</p>	

**PART 2:**

	<p><b>Reviewer's comment</b></p>	<p><b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</p>
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

**Reviewer Details:**

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