

Review Form 3

Journal Name:	Asian Journal of Research and Reports in Endocrinology
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 β-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>	<p>Agreed the observation and followed the other suggestions. Taken the appreciation and encouragement for future endeavours.</p>
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	<p>Yes, Title is appropriate to the manuscript</p>	
<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>	<p>Yes provided references.</p> <p>Changed the phrasing wherever necessary as suggested.</p> <p>Yes agreed with observation and corrected the statement.</p>
<b>Is the manuscript scientifically, correct? Please write here.</b>	<p>The inclusion of historical context strengthens its scientific credibility.</p>	<p>Yes retained necessary references to give credibility of findings.</p>
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	<p>No suggestions</p>	

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Is the language/English quality of the article suitable for scholarly communications?	Some sentences are grammatically incorrect or unclear.	Agreed and necessary changes were made wherever lacking as suggested.
Optional/General comments	<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").</p> <p>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>	<p>Yes necessary changes were made in the presentation. Connecting sentences were made in the presentation to avoid abrupt transition.</p> <p>Yes necessary reference was provided in the table.</p> <p>Necessary statements were made in the text as suggested.</p> <p>Agreed and corrected wherever misspelt.</p> <p>Yes corrected the typing error</p> <p>Added the necessary input as suggested.</p> <p>Yes made the spell correction.</p> <p>Yes necessary statement was made.</p>

PART 2:

	Reviewer’s comment	Author’s comment (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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	Not applicable