

Peer Review

# Review of: "Reconsidering the Role of Exercise in Incretin Pharmacology: How Physical Activity Might Modulate Incretin Degradation and Drug Efficacy"

Martín Alejandro Pavarotti<sup>1</sup>

1. IHEM, Centro Científico Tecnológico - Mendoza, Mendoza, Argentina

## General Assessment:

*The work briefly describes a scientifically based observation of a relevant event, such as the peptide degradation of incretins during exercise. This observation is important when using incretins in people who concomitantly perform physical activity in order to improve their metabolic condition.*

*It presents an original and well-argued perspective on how physical exercise may modulate the pharmacokinetics of incretin-based therapies, particularly through the influence of proteolytic systems such as DPP-4. The hypothesis is timely and relevant, especially in the era of precision medicine and growing interest in real-life physiological modulators of drug action.*

## Suggestions:

*-Bibliographic depth:*

*The current reference list is limited. There should be at least one or two more specific references regarding the effect of physical activity on DPP-4 or related proteolytic pathways.*

*One cited paper (Bartlett et al., 2011) seems off-topic as it focuses on exercise adherence.*

*-Clarify the proposed review:*

*If the scoping review is ongoing, it would strengthen the commentary to briefly outline its aim, inclusion criteria, and expected contribution.*

*-Tone adjustment ("Dinner Table Dismissal")*

*The anecdote is engaging, but its tone could be perceived as overly informal or dismissive. Consider rephrasing it in a more neutral or professionally reflective manner.*

*-Language refinement:*

*Some phrases could be simplified for better clarity. For instance, "epistemological gap in translational science" might be more effectively conveyed as "conceptual gap in translational research."*

*Recommendation:*

*Accept with Minor Revisions*

*This is a relevant and compelling commentary that effectively invites scientific dialogue. With minor improvements in reference support, tone, and methodological clarification, it will be a valuable contribution to the discourse on incretin therapy and exercise physiology.*

*Reviewer: Martín Pavarotti*

## **Declarations**

**Potential competing interests:** No potential competing interests to declare.