

Review of: "[Perspective] Exploring the Synergistic Approach of Dual GLP-1 Agonist with Degludec Basal Insulin for Type 1 Diabetes Treatment for Albumin-InsulinProducing Cells Expression"

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Potential competing interests: No potential competing interests to declare.

Overall, this is an interesting perspective article that explores using dual GLP-1 agonist with degludec basal insulin as a potential treatment approach for type 1 diabetes. The background provides useful context about the destruction of beta cells in type 1 diabetes and the emergence of GLP-1 agonists as a promising option for type 2 diabetes and obesity.

The perspective section provides a nice synthesis tying together the key points. The pharmacokinetic properties of degludec, the plasticity of adult human liver tissue, and the promise of modified GLP-1 derivatives are all connected to support the proposed synergistic approach. The conclusion reinforces the need for more research in this area.

Overall, the article is well-written and easy to follow. The background and perspective sections in particular provide useful context and analysis. A few suggestions:

- The introduction could provide more background on the typical treatment approaches for type 1 diabetes and challenges that motivate exploring new options like GLP-1 agonists.
- More details or citations may help strengthen the points in the interpretation section - e.g. evidence on the autoimmune hypothesis, cell proliferation effects of GLP-1, details on modifying with albumin ligands.
- The clinical trial proposed in the conclusion sounds very interesting. Including a few more details like the sample size, dosing, outcome measures would further develop this idea.
- Carefully proofreading for occasional typos would polish the manuscript.

Overall, this is a thoughtful perspective piece that synthesizes current evidence and ideas about a novel therapeutic approach for type 1 diabetes. Addressing the suggestions above would further strengthen the background, interpretation, and plans for future research. The topic is intriguing and the authors generate an interesting hypothesis worthy of further exploration.