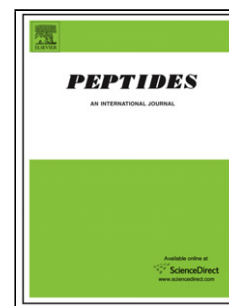


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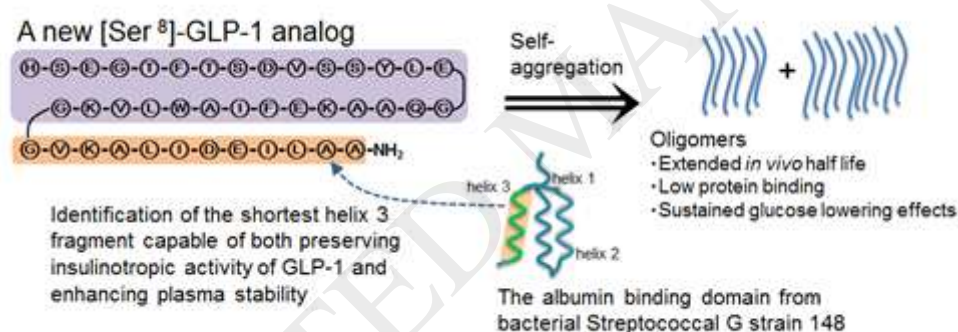
# Discovery of a long-acting glucagon-like peptide-1 analog with enhanced aggregation propensity

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## Graphical abstract



## Highlights

- [Ser<sup>8</sup>]-GLP-1(7-35)-GVKALIDEILAA-NH<sub>2</sub> was found as a new long-acting GLP-1 analog.
- Our experiments suggest that this GLP-1 analog remains oligomeric in the circulation.
- The newly discovered GLP-1 analog has potent long-acting therapeutic effects in diabetic mice.

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