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Working

Insulin-secreting human alpha-cells might be a cure for diabetes [↗](#)

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ABSTRACT

From one hormone to another, it's usually a long-term change. To explore whether human cells have this ability to adapt, the Herrera team uses islets from diabetic donors and non-diabetic donors. They first classified different cell types, focusing on two of them: alpha cells (cells that produce glucagon) and sputum cells (cells that produce pancreatic polypeptide). Herrera explains, "We divided the cells we obtained into two groups: in one group of cells, we introduced only one fluorescent cell tracer, and in another group, we added a gene of β -cell-specific insulin transcription factor."

Nowadays, Peptide-based treatment is becoming increasingly important for diabetes treatment, including [Ghrelin Peptides](#) and Glucagon Like Peptides.

EXTERNAL LINK

<https://www.selfgrowth.com/articles/insulin-secreting-human-alpha-cells-might-be-a-cure-for-diabetes>



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alpha-cells might be a cure
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PROTOCOL STATUS

Working

We use this protocol in our group and it is working



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