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Retraction Note: Transient cytokine treatment induces acinar cell reprogramming and regenerates functional beta cell mass in diabetic mice

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Authors

Baeyens, Luc
Lemper, Marie
Leuckx, Gunter
[et al.](#)

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Retraction Note: Transient cytokine treatment induces acinar cell reprogramming and regenerates functional beta cell mass in diabetic mice

Luc Baeyens, Marie Lemper, Gunter Leuckx, Sofie De Groef, Paola Bonfanti, Geert Stangé, Ruth Shemer, Christoffer Nord, David W. Scheel, Fong C. Pan, Ulf Ahlgren, Guoqiang Gu, Doris A. Stoffers, Yuval Dor, Jorge Ferrer, Gerard Gradwohl, Christopher V. E. Wright, Mark Van de Casteele, Michael S. German, Luc Bouwens, Harry Heimberg

The authors are retracting this paper owing to errors in the reported data. The paper claimed that treatment with a combination of epidermal growth factor and ciliary neurotrophic factor normalized glycemia and converted acinar cells to beta cells in 65% of hyperglycemic mice studied. However, these findings were not reproduced when the authors recently repeated the experiments. Reexamination by immunohistochemistry and genotyping of archived pancreas tissue samples from mice used in Baeyens et al. showed that the transgenic mice reported in Supplementary Figs. 3 and 6 and in Figs. 4 and 5 were misidentified, invalidating data central to the main claims of the paper.

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