

iPSC-derived β cells model diabetes due to glucokinase deficiency

Haiping Hua, Linshan Shang, Hector Martinez, Matthew Freeby, Mary Pat Gallagher, Thomas Ludwig, Liyong Deng, Ellen Greenberg, Charles LeDuc, Wendy K. Chung, Robin Goland, Rudolph L. Leibel, Dieter Egli

J Clin Invest. 2017. <https://doi.org/10.1172/JCI92775>.

Retraction

Original citation: *J Clin Invest.* 2013;123(7):3146–3153. <https://doi.org/10.1172/JCI67638> Citation for this retraction: *J Clin Invest.* <https://doi.org/10.1172/JCI92775> The corresponding authors were made aware of karyotype abnormalities through a routine quality control test of pluripotent stem cells used in the studies reported in this paper. After extensive internal review and genetic analysis, they found that the karyotypes of some of the cells used for the experiments reported were abnormal and that the normal karyotypes shown in Figure 1 and Supplemental Figure 2 were not from cell lines used in the study. They also cannot confirm the endonuclease-mediated correction of the mutant GCK G299R allele. H. Hua takes responsibility for the characterization and presentation of cell line karyotypes and the genetic manipulations. Because of these discrepancies, the authors wish to retract the article. They apologize for these errors and for any inconvenience caused to others.

Find the latest version:

<https://jci.me/92775/pdf>



Retraction

iPSC-derived β cells model diabetes due to glucokinase deficiency

Haiqing Hua, Linshan Shang, Hector Martinez, Matthew Freeby, Mary Pat Gallagher, Thomas Ludwig, Liyong Deng, Ellen Greenberg, Charles LeDuc, Wendy K. Chung, Robin Goland, Rudolph L. Leibel, and Dieter Egli

Original citation: *J Clin Invest*. 2013;123(7):3146–3153. <https://doi.org/10.1172/JCI67638>.

Citation for this retraction: *J Clin Invest*. <https://doi.org/10.1172/JCI92775>.

The corresponding authors were made aware of karyotype abnormalities through a routine quality control test of pluripotent stem cells used in the studies reported in this paper. After extensive internal review and genetic analysis, they found that the karyotypes of some of the cells used for the experiments reported were abnormal and that the normal karyotypes shown in Figure 1 and Supplemental Figure 2 were not from cell lines used in the study. They also cannot confirm the endonuclease-mediated correction of the mutant GCK G299R allele. H. Hua takes responsibility for the characterization and presentation of cell line karyotypes and the genetic manipulations. Because of these discrepancies, the authors wish to retract the article. They apologize for these errors and for any inconvenience caused to others.