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(54) **Title**: INDUCED PLURIPOTENT STEM CELLS DERIVED FROM HUMAN PANCREATIC BETA CELLS

(57) **Abstract**: A method of generating pluripotent stem cells is described. The method comprises: (a) expanding human pancreatic beta cells; and subsequently (b) generating induced pluripotent stem (iPS) cells from the human pancreatic beta cells. Methods of ^differentiating the iPS cells into particular cell types are also disclosed. Uses of the cell populations are also described.