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(54) Title: ENDOCRINE PANCREAS DIFFERENTIATION OF ADIPOSE TISSUE-DERIVED STROMAL CELLS AND USES THEREOF

(57) Abstract: The invention provides cells, compositions and methods based on the differentiation of adipose tissue-derived stromal cells into a cell expressing at least one genotypic or phenotypic characteristic of a pancreas cell. The cells produced in the method are useful in providing a source of differentiated and functional cells for research, implantation, transplantation and development of tissue engineered products for the treatment of diseases of the pancreas and pancreatic tissue repair.