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- (54) Title: METHODS OF MAKING STEM CELL-DERIVED ISLET-LIKE CELLS, AS WELL AS POPULATIONS AND COMPOSITIONS INCLUDING THE SAME

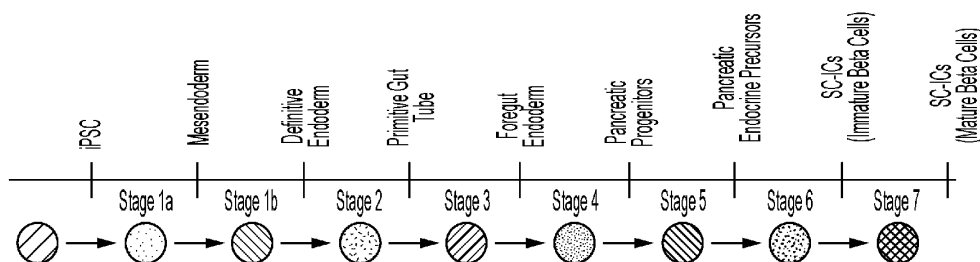


FIG. 1A

- (57) Abstract: Methods are disclosed for making a stem cell-derived islet-like cell (SC-IC) population, where such methods include culturing precursor cells such as pancreatic progenitor cells, pancreatic endocrine precursor cells or immature SC-ICs one or more differentiation mediums that promote the differentiation of the precursor cells to more differentiated cells to obtain an SC-IC population that includes mature pancreatic-beta-like cells. Also disclosed are cell-differentiating compositions useful in performing the methods and SC-IC populations obtained by performing the methods. Also disclosed are compositions and implantable devices comprising the SC-IC populations, which are useful thereof for treatment of metabolic disorders such as diabetes mellitus (diabetes).

RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH,
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