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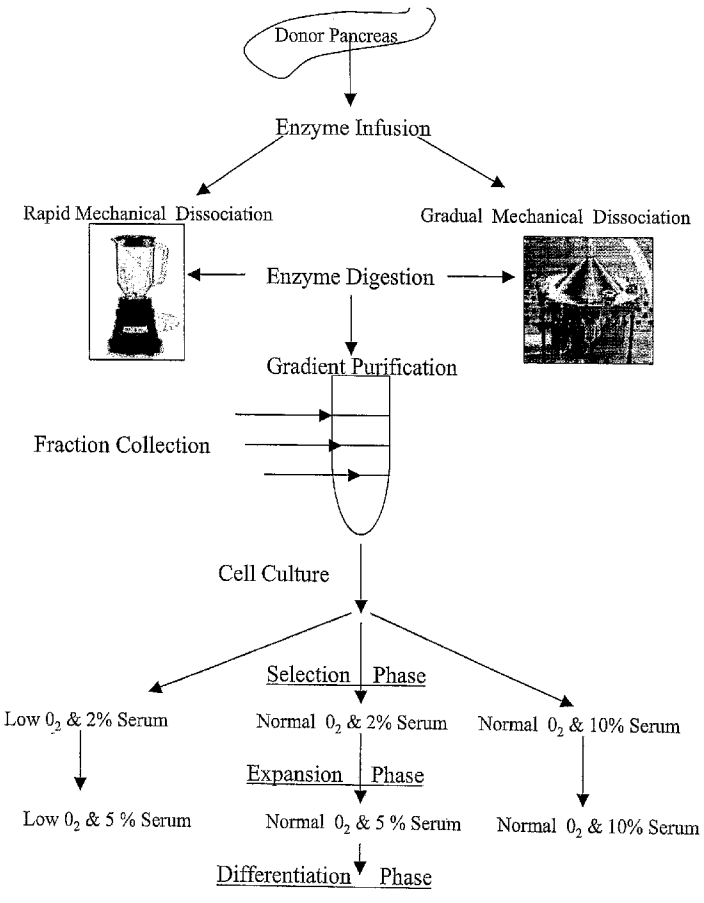
(54) **Title:** ADULT PANCREATIC DERIVED STROMAL CELLS



(57) **Abstract:** The present invention provides methods for isolating pancreatic stromal cells from pancreatic tissues. The pancreatic stromal cells isolated according to the present invention are capable of being propagated *in vitro* and differentiated into cells of a pancreatic β-cell lineage. The isolated pancreatic stromal cells can be induced to differentiate *in vitro* into fully or partially differentiated pancreatic cells for transplantation into a patient in need thereof. Alternatively, the isolated pancreatic stromal cells can be directly transplanted into a patient in need thereof and differentiate *in vitro* into the desirable cell types.

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