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(54) **Title:** PLURIPOTENT STEM CELL DIFFERENTIATION BY USING HUMAN FEEDER CELLS

(57) **Abstract:** The present invention relates to the field of pluripotent stem cell differentiation. The present invention provides methods for the differentiation of pluripotent stem cells on a human feeder cell layer. In particular, the present invention provides an improved method for the differentiation of pluripotent stem cells into pancreatic endocrine cells using a human feeder cell layer.