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(54) Title: NOVEL MESENCHYMAL PROGENITOR CELLS DERIVED FROM HUMAN BLASTOCYST-DERIVED STEM CELLS

(57) Abstract: The present invention relates to a novel mesenchymal human progenitor (hBS- MP) cell population derived from human blastocyst-derived stem (hBS) cells and the method to obtain the progenitor cell population in which is eliminated the need of co-culture steps, cell sorting, manual selection, and transfections. Furthermore, the present invention relates to the use of the hBS-MP cells in drug discovery and specifically for toxicity testings as well as for therapeutic use.



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