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(54) Title: DERIVATION OF NEURAL STEM CELLS AND DOPAMINERGIC NEURONS FROM HUMAN PLURIPOTENT STEM CELLS

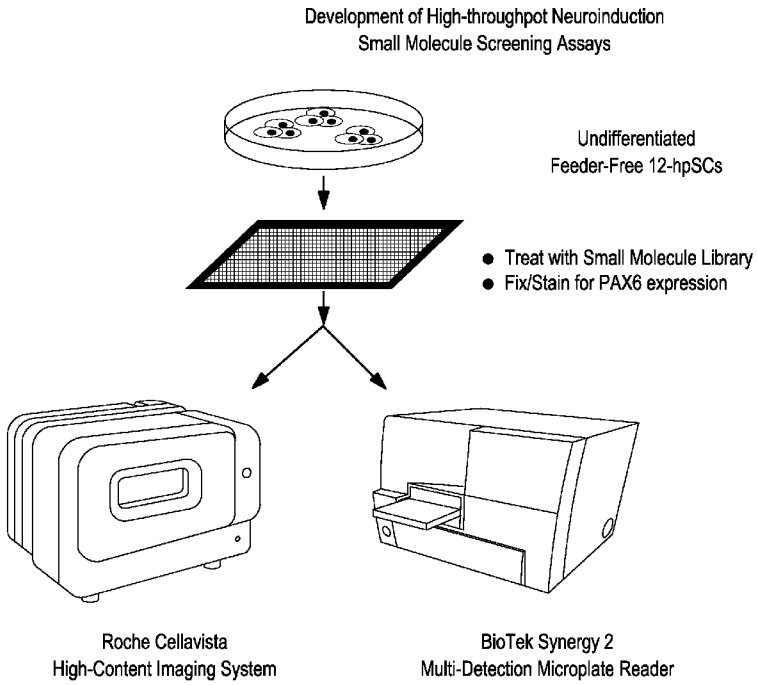


FIG. 1

(57) Abstract: The present invention is based in part on a chemically defined method of generating neural stem cells (NSCs) and dopaminergic (DA) neurons from human pluripotent stem cells (hPSCs). The DA neurons of the invention can be derived from hPSCs and NSCs. The present invention also provides reagents and kits useful for the derivation of neural stem cells and dopaminergic neurons from human pluripotent stem cells.

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