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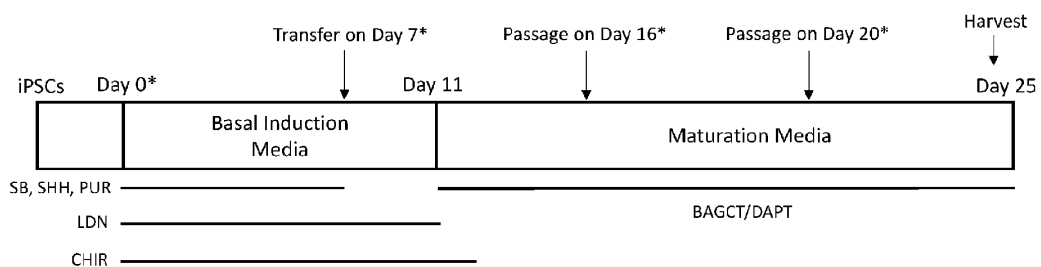
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(54) **Title:** METHOD OF DIFFERENTIATING NEURAL CELLS AND RELATED COMPOSITIONS AND METHODS OF USE

FIG. 1

Non-Adherent Method



*ROCKi included in medium on indicated day
BAGCT = BDNF, GDNF, ascorbic acid, dbcAMP, and TGFβ3

(57) **Abstract:** The present disclosure provides methods of lineage specific differentiation of pluripotent stem cells, including induced pluripotent stem cells, into floor plate midbrain progenitor cells, determined dopamine (DA) neuron progenitor cells, and/or DA neurons. Also provided are compositions uses thereof, such as for treating neurodegenerative diseases and conditions, including Parkinson's disease.

[Continued on next page]

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