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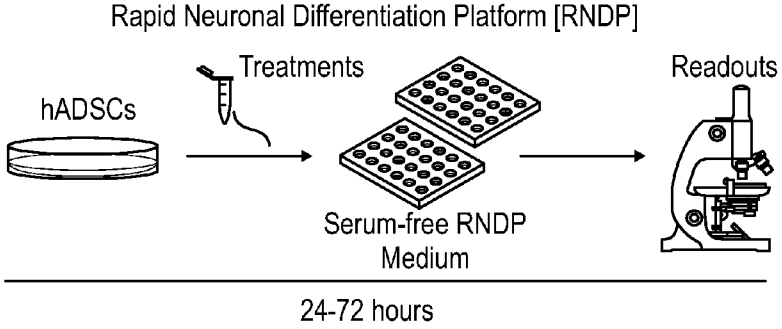
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(54) Title: NEUROGENESIS SCREENING METHOD AND SYSTEM USING ADIPOSE TISSUE DERIVED STEM CELLS



(57) Abstract: Provided herein are methods for identifying a neurogenesis-modulating compound, comprising: culturing adipose-derived stem cells (ADSCs) in the presence of a candidate compound; and determining the extent of neurogenesis in the ADSCs and systems for identifying a neurogenesis modulating compound. Also provided are methods of promoting neurogenesis in ADSCs.