

Title (en)
METHOD OF IN VITRO DIFFERENTIATION OF NEURAL STEM CELLS, MOTOR NEURONS AND DOPAMINE NEURONS FROM PRIMATE EMBRYONIC STEM CELLS

Title (de)
VERFAHREN ZUR IN-VITRO-DIFFERENZIERUNG VON NEURALEN STAMMZELLEN, MOTORNEURONEN UND DOPAMINNEURONEN AUS EMBRYONALEN PRIMATENSTAMMZELLEN

Title (fr)
PROCEDE DE DIFFERENTIATION IN VITRO DE CELLULES SOUCHES NEURONALES, DE NEURONES MOTEURS ET DE NEURONES DE DOPAMINE PROVENANT DE CELLULES SOUCHES EMBRYONNAIRES DE PRIMATES

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Application
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Abstract (en)
[origin: WO2005021720A2] A method of differentiating embryonic stem cells into neural and motor cells is disclosed. In one embodiment, the invention comprises culturing a population of cells comprising a majority of cells that are characterized by an early rosette morphology and are Sox1<->/Pax6<+> in the presence of FGF2, FGF4, FGF8, FGF9, or RA wherein the cells are characterized by a neural tube-like rosette morphology and are Pax6<+>/Sox1<->.

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Citation (search report)

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- See also references of WO 2005021720A2

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