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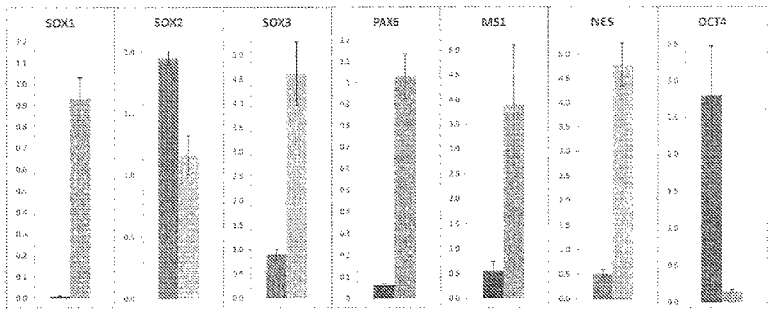


FIG. 1

(57) Abstract: The present invention relates to the seminal discovery of compositions and a method of producing NSC obtained from stem cells derived from parthenogenically activated human oocytes (phNSC). The phNSC of the invention maintain proliferative and differentiation potential during cultivation and expansion. The invention provides for an isolated neuronal stem cell, which is differentiated from a parthenogenetically activated oocyte.

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