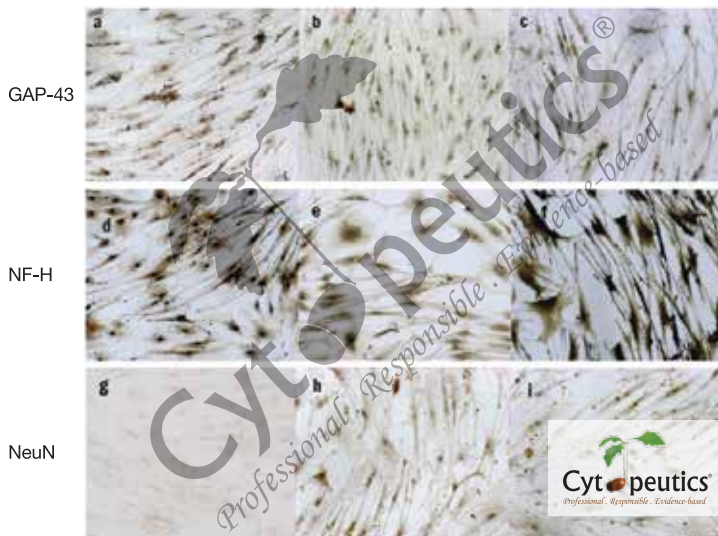


BRAIN & SPINAL CORD

GENERATING NEURON-LIKE CELLS FROM BM-DERIVED MESENCHYMAL STROMAL CELLS IN VITRO

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The long and spindle-shaped cells divided actively and colonized the whole surface of the plastic cell culture flask, while some larger, flatter morphology (A) was also observed (/40).



Typical morphologies of neural lineage displayed by neuronal induced-MSC cells. Neuron-like cells with multi-branches (arrow) and bipolar neuron-like cells with further branches or secondary branches (arrow*) at the end of the processes (/100, Wright Giemsa stain).

Creating new nerves from mesenchymal stem cells

