

A method of producing neurons from stem cells, the neurons and uses thereof

Abstract

5 The present invention belongs to the field of cell transplantation. Particularly, the present invention provides a method of producing neurons for treating injuries with the loss of neuron function from stem cells, wherein the stem cell is a human derived mesenchymal stem cell, preferably human derived placental mesenchymal stem cell, bone marrow mesenchymal stem cell, adipose mesenchymal stem cell and liver mesenchymal stem cell. The present invention also provides the
10 uses of said method and the nerve cells produced by said method in the preparation of medicines for treating injuries with the loss of neuron function and in the treatment of injuries with the loss of neuron function. The present invention further provides a method of treating injuries with the loss of neuron function.

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Figure 1