Claims

Claim 1

A method for producing a repair agent for damaged tissue, said method comprising the steps of:

culturing mesenchymal stem cells in a serum-free medium at an oxygen concentration of 1% or less;

collecting at least a portion of the serum-free medium that the mesenchymal stem cells were cultured in; and

preparing the repair agent for damaged tissue by using the collected portion of the serum-free medium an active ingredient.

Claim 2

The method as set forth in claim 1, wherein the serum-free medium contains an FGF, a PDGF, an EGF, at least one phospholipid, and at least one fatty acid.

Claim 3

The method as set forth in claim 1 or 2, wherein the mesenchymal stem cells are subcultured at least once in the culturing step.

Claim 4

A repair agent produced by the method as set forth in any of claims 1-3.