

ABSTRACT

METHOD OF PREPARING REGENERATED HAIR FOLLICLE GERM FOR TRANSPLANTATION IN WHICH HAIR COLOR IS CONTROLLED, COMPOSITION INCLUDING REGENERATED HAIR FOLLICLE GERM FOR TRANSPLANTATION, AND METHOD OF TRANSPLANTING REGENERATED HAIR FOLLICLE GERM

[Problem] To provide a technique for regenerating hair through the transplantation of hair follicle germ in which the color of the regenerated hair is controlled.

[Solution] Provided is a method for producing a regenerative hair follicle germ for transplantation in which a color of hair that grows after transplantation is controlled, said method including: preparing a first cell mass including mesenchymal cells; preparing a second cell mass including epithelial cells; preparing a cell mass including pigment stem cells; binding the cell mass including the pigment stem cells to at least one among the first cell mass and the second cell mass, and closely contacting the first cell mass and the second cell mass, at least one of which has been bound to the cell mass including the pigment stem cells, and culturing them within a support.

Figure for publication: None