ABSTRACT

A method for producing tissue cells derived from iris pigmented epithelial cells of an animal, and tissue cells obtained by the method are provided. The method and the tissue cells solve problems such as immunological rejection in cell transplantation, ethical issues, and unbalance between the demand and supply of transplant cell sources.

In the method of the present invention for producing the tissue cells, first, the iris pigmented epithelial cells isolated from an eyeball of an animal are selectively cultured according to a floated coagulated mass culturing technique so as to obtain pluripotent stem cells. Thereafter, the pluripotent stem cells are cultured by using, for example, serum so as to produce various tissue cells.