

ABSTRACT

An object of the present invention is to provide a novel technique for producing a stratified three-dimensional skin tissue in which an epidermal layer and a dermal layer are layered, from stem cells. The present invention that achieves the above object is a method for producing a three-dimensional skin tissue, including a skin tissue formation process of producing a three-dimensional skin tissue in which a dermal layer and an epidermal layer are layered, wherein the skin tissue formation process includes a three-dimensional culture process of disposing a three-dimensional culture obtained by culturing stem cells in suspension on a culture solution-permeable membrane of a culture vessel provided with the culture solution-permeable membrane, without incision, and culturing the three-dimensional culture to obtain a stratified three-dimensional skin tissue in which at least a dermal layer and an epidermal layer are layered.