METHOD FOR INDUCING DIFFERENTIATION FROM PLURIPOTENT STEM CELL TO EPIDERMAL KERATINOCYTE

ABSTRACT

The main purpose of this invention is to provide a technique for inducing an epidermal keratinocyte that can produce a three-dimensional cultured skin model with a multi-layered horny cell layer, from a pluripotent stem cell.

The present invention is a method for inducing differentiation from a pluripotent stem cell to an epidermal keratinocyte, using a non-detached cell after being treated with a cell detaching agent in the inducing step from the pluripotent stem cell, wherein when applying the epidermal keratinocyte to a three-dimensional cultured skin model, a three-dimensional cultured skin model in which the horny cell layer is multi-layered is obtained.