

METHOD FOR INDUCING DIFFERENTIATION OF CORNEAL EPITHELIAL
CELLS FROM PLURIPOTENT STEM CELLS

Abstract

The present invention relates to a method for inducing the differentiation of corneal epithelial cells from pluripotent stem cells. More specifically, the present invention relates to a method for autonomously differentiating pluripotent stem cells, such as human iPS cells, into ectodermal cell lineage in a serum-free medium without using feeder cells and inducing the differentiation of the resultant ocular surface ectodermal lineage cells into corneal epithelial cells.

[FIG.1]