

ABSTRACT

The present invention relates to a method for controlling differentiation of pluripotent stem cells, which method
5 comprises selecting a laminin or a fragment thereof based on binding affinity for the pluripotent stem cells and inducing differentiation of the pluripotent stem cells in the presence of the laminin or a fragment thereof. Here, the binding affinity for cells can be assessed by time-course observation
10 of the survival rate and motility of the cells. According to the present invention, a cell population containing any desired proportion of differentiated cells can be produced from pluripotent stem cells in a simple manner. The cell population obtained by this production method is very useful for cell
15 therapy-based treatment strategies for diseases.