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ABSTRACT

Provided is a cell culture method whereby an in vivo function can be sustained over a long period of time and culture can be
5 conducted using the minimum number of cells required. The cell culture method includes culturing undifferentiated cells in a layered state in a partitioned micro-space and obtains differentiated cells. When screening a pharmaceutical agent, undifferentiated cells capable of differentiating into liver cells, intestinal epithelial cells, nerve
10 cells, myocardial cells and vascular endothelial cells are preferred. Particularly, in the prediction of pharmacokinetics or the like for humans, human cells are preferred.