ABSTRACT

PREPARATION METHOD FOR REJUVENATED REGENERATIVE FIBROBLAST AND APPLICATION THEREOF

A preparation method and applications of rejuvenated and regenerative fibroblasts, where the rejuvenated and regenerative fibroblasts are prepared from normal fibroblasts by inhibiting the JAK-STAT signaling pathway. The rejuvenated and regenerative fibroblasts are prepared by treating the fibroblasts with a small molecular combination, a cytokine combination or a recombinant protein combination. This application further provides an application of the rejuvenated and regenerative fibroblasts in the reprogramming or rejuvenation of cells, tissues, organs and organisms.

[FIG. 1]