

ABSTRACT

TREATMENT OF INTERVERTEBRAL DISC DEGENERATION USING HUMAN UMBILICAL CORD TISSUE-DERIVED CELLS AND HYDROGEL

Methods for treating a patient having a disease or condition related to IVD degeneration are provided. The methods comprise administering cells obtained from human umbilical cord tissue, or administering pharmaceutical compositions comprising such cells or prepared from such cells and a hydrogel. In some embodiments, administering the cells promotes repair and regeneration of degenerated IVD tissue in the patient. Pharmaceutical compositions for use in the inventive methods, as well as kits for practicing the methods are also provided.

Figure 1