What is claimed is:

1. Use of a mammalian connective tissue cell in the manufacture of a medicament for preventing or retarding degeneration of intervertebral disc at an intervertebral disc defect site, wherein said medicament is to be injected into the intervertebral disc defect site.

2. The use according to claim 1, wherein the connective tissue cell is allogeneic relative to the mammal.

3. The use according to claim 1, wherein the cell is a chondrocyte.

4. The use according to claim 3, wherein the chondrocyte is non-disc chondrocyte or juvenile chondrocyte.

5. The use according to claim 3, wherein the chondrocyte is primed chondrocyte.

6. Use of a gene encoding a protein having intervertebral disc regenerating function in the manufacture of a medicament for preventing or retarding degeneration of intervertebral disc at an intervertebral disc defect site of a mammal, wherein said medicament is to be inserted into a mammalian cell, and

wherein the mammalian cell is to be transplanted the mammalian cell into the intervertebral disc defect site.

7. The use according to claim 6, wherein said gene belongs to TGF-β superfamily.

8. The use according to claim 7, wherein said gene encodes TGF-β1.

9. The use according to claim 6, wherein the mammalian cell is allogeneic relative to the mammal.

10. The use according to claim 6, wherein the mammalian cells are human embryonic kidney cells or epithelial cells.

11.

Use of a gene encoding a protein having intervertebral disc regenerating function in the manufacture of a medicament for preventing or retarding degeneration of intervertebral disc at an intervertebral disc defect site of a mammal, wherein said medicament is to be inserted into a first mammalian cell, and

wherein a mixture of the first mammalian cell and unmodified second mammalian connective tissue cell is transplanted into the intervertebral disc defect site.

12. The use according to claim 11, wherein said gene belongs to TGF-β superfamily.

13. The use according to claim 11, wherein said first mammalian cell is human embryonic kidney cells or epithelial cells; and second mammalian connective tissue cell is chondrocyte.

14. The use according to claim 13, wherein the chondrocyte is non-disc chondrocyte or juvenile chondrocyte.

15. The use according to claim 11, wherein the chondrocyte for the second mammalian connective tissue is primed chondrocyte.

16. The use according to claim 11, wherein the first or second cell is allogeneic relative to the mammal.

17. The use according to claim 1, wherein said medicament is to treat degenerated or injured intervertebral disc in a patient in need thereof.

18. The use according to claim 6, wherein said medicament is to treat degenerated or injured intervertebral disc in a patient in need thereof.

19. The use according to claim 11, wherein said medicament is to treat degenerated or injured intervertebral disc in a patient in need thereof.

20. The use according to claims 1 to 19, wherein the mammal is human.