

CLAIMS

1. Use of a cell preparation comprising ~~a~~ fat cells collected from an adipose tissue ~~for in~~ the manufacture of a therapeutic agent ~~medicament for the therapeutic treatment~~ of osteoarthritis.
2. The use according to claim 1, wherein the cell preparation further comprises a mesodermal stem cell.
3. The use according to claim 1, wherein the mesodermal stem cell is an adipose stem cell.
4. The use according to claim 1, wherein the cell preparation comprises 1 to 10 mesodermal stem cells per one fat cell.
5. The use according to claim 1, wherein the fat cells ~~is a~~ are cells having been subjected to gamma irradiation.
6. The use according to claim 1, wherein the cell preparation comprises a cellular fraction obtained in following step (1), cellular fraction containing the fat cells obtained in following step (2), cellular fraction obtained in following step (3), or cellular fraction obtained in following step (4),:
 - step (1): removing a liquid fraction from the collected fat to give a cellular fraction,
 - step (2): separating ~~a~~ the fat cells and an adipose stem cell from at least a part of the cellular fraction obtained in step (1),
 - step (3): mixing the cellular fraction obtained in step (1) with the cellular fraction containing the fat cells obtained in following step (2) to give a cellular fraction,
 - Step (4): removing impurities from the cellular fraction obtained in step (1) to give a cellular fraction which is concentrate of the fat cells and adipose stem cell.