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Adipose tissue represents a source of stem cells that is having far-reaching effects in a large number of fields of medicine. ADMSC cells have potential applications for the repair and regeneration of acute and chronically damaged tissues.

Adipose-derived adult mesenchymal stem cells (ADMSC) are multipotent and can differentiate into tendon, ligament, bone, cartilage, cardiac, nerve, muscle, blood vessels, fat, and liver tissue (see figure below).

AVSC can supply therapies based on high concentration 'off the shelf' pure cultured stem cells or alternatively therapies based on the use of an animal's own stromal vascular fraction (SVF).

The stromal fraction that is harvested from adipose tissue is a heterogeneous mixture of regenerative cells (see below).





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