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Autologous CD34-positive Hematopoietic Progenitor Cells

National Cancer Institute

Source

National Cancer Institute. *Autologous CD34-positive Hematopoietic Progenitor Cells*.

NCI Thesaurus. Code C128249.

A population of autologous CD34-positive hematopoietic progenitor cells (HPCs) that can be used for autotransplantation. CD34+ HPCs are isolated from human blood stem cells upon apheresis. Upon transplantation with the CD34+ HPCs, these cells can differentiate into a variety of cell types including fibroblasts, osteoblasts, chondrocytes, myocytes, adipocytes, and endothelial cells.