

Title (en)
SELECTIVE CELL PROLIFERATION

Title (de)
SELEKTIVE ZELLPROLIFERATION

Title (fr)
PROLIFERATION CELLULAIRE SELECTIVE

Publication
EP 0752867 A4 19970723 (EN)

Application
EP 94908664 A 19940126

Priority
• US 9401033 W 19940126
• US 959393 A 19930127
• US 18837694 A 19940125

Abstract (en)
[origin: WO9416715A1] This invention provides methods to produce target cell populations which comprise primitive stem cells, progenitor cells, precursor cells, cells at intermediate stages of differentiation and terminally differentiated cells from almost any living cell within a patient such as a human. These target populations can be used in cell transplantation therapy such as bone marrow transplants, peripheral blood transplants, as well as in the recreation or supplementation of any organ or organ system such as the hematopoietic system. In addition, target cell populations are also useful in gene therapy for the introduction of genes and their expressed products into a patient either systemically or in a targeted fashion.

IPC 1-7
A61K 35/12; A61K 38/00; A61K 48/00; A01N 1/02; C12N 5/00; C12N 5/02; C12N 5/06; C12N 5/08; C12N 5/10; C07K 7/00; C07K 14/00

IPC 8 full level
A01N 1/02 (2006.01); **A61K 31/23** (2006.01); **A61K 35/14** (2015.01); **A61K 35/15** (2015.01); **A61K 35/17** (2015.01); **A61K 35/19** (2015.01); **A61K 35/26** (2015.01); **A61K 35/28** (2015.01); **A61K 35/545** (2015.01); **A61K 36/48** (2006.01); **A61K 38/00** (2006.01); **A61K 38/16** (2006.01); **A61K 38/21** (2006.01); **A61K 38/22** (2006.01); **A61K 38/36** (2006.01); **A61K 38/44** (2006.01); **A61K 48/00** (2006.01); **A61P 7/00** (2006.01); **A61P 31/04** (2006.01); **A61P 31/12** (2006.01); **A61P 37/00** (2006.01); **C12N 5/078** (2010.01); **C12N 5/0789** (2010.01)

CPC (source: EP)
A61K 35/12 (2013.01); **A61K 35/15** (2013.01); **A61K 35/17** (2013.01); **A61K 35/18** (2013.01); **A61K 35/19** (2013.01); **A61P 7/00** (2018.01); **A61P 31/04** (2018.01); **A61P 31/12** (2018.01); **A61P 37/00** (2018.01); **C12N 5/0641** (2013.01); **C12N 5/0647** (2013.01); **A61K 48/00** (2013.01); **C12N 2500/84** (2013.01); **C12N 2500/90** (2013.01); **C12N 2501/01** (2013.01); **C12N 2501/125** (2013.01); **C12N 2501/14** (2013.01); **C12N 2501/24** (2013.01); **C12N 2501/515** (2013.01); **C12N 2501/59** (2013.01); **C12N 2503/02** (2013.01)

Citation (search report)
[X] BERNSTEIN ET AL: "RECOMBINANT HUMAN STEM CELL FACTOR ENHANCES THE FORMATION OF COLONIES BY CD34+ AND CD34+LIN- CELLS, AND THE GENERATION OF COLONY-FORMING CELL PROGENY FROM CD34+LIN- CELLS CULTURED WITH INTERLEUKIN-3, GRANULOCYTE COLONY-STIMULATING FACTOR, OR GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR", BLOOD, vol. 77, no. 11, 1 June 1991 (1991-06-01), pages 2316 - 2321, XP000647606

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9416715 A1 19940804; AU 6167394 A 19940815; CA 2154787 A1 19940804; EP 0752867 A1 19970115; EP 0752867 A4 19970723; JP H08511935 A 19961217

DOCDB simple family (application)
US 9401033 W 19940126; AU 6167394 A 19940126; CA 2154787 A 19940126; EP 94908664 A 19940126; JP 51735494 A 19940126