

Title (en)

PROCESS FOR PRODUCING DENDRITIC CELLS, CELLS THUS PRODUCED AND CONTAINER FOR CARRYING OUT THIS PROCESS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON DENDRITISCHEN ZELLEN, SO ERHALTENE ZELLEN UND BEHÄLTER ZUR DURCHFÜHRUNG
DIESES VERFAHRENS

Title (fr)

PROCEDE DE PRODUCTION DE CELLULES DENDRITIQUES, CELLULES AINSI PRODUITES ET RECIPIENT DE MISE EN UVRE DE CE
PROCEDE

Publication

EP 0755439 A1 19970129 (DE)

Application

EP 95916557 A 19950411

Priority

- DE 9500512 W 19950411
- DE 4412794 A 19940414

Abstract (en)

[origin: WO9528479A1] Dendritic cells are therapeutically interesting as antigen-presenting cells. A process is disclosed for isolating at first peripheral blood cells, then enriching them in blood precursor cells that express the CD 34 antigen. These cells are multiplied ex vivo with hematopoietic growth factors associated with cytokines. At the end of 10-20 days, mainly dendritic cells are produced, which may if required be further purified. These cells are functionally active, being able to present antigens.

IPC 1-7

C12N 5/08; A61K 35/14; A61K 38/19

IPC 8 full level

C12M 1/00 (2006.01); **A61K 35/14** (2006.01); **A61K 38/00** (2006.01); **A61K 38/16** (2006.01); **A61K 38/22** (2006.01); **A61P 37/04** (2006.01);
C12N 5/0784 (2010.01); **A61K 39/00** (2006.01)

CPC (source: EP US)

A61K 39/4615 (2023.05 - EP US); **A61K 39/4622** (2023.05 - EP US); **A61K 39/46482** (2023.05 - EP US); **A61P 37/04** (2018.01 - EP);
C12N 5/0639 (2013.01 - EP US); **C12N 2501/125** (2013.01 - EP US); **C12N 2501/14** (2013.01 - EP US); **C12N 2501/22** (2013.01 - EP US);
C12N 2501/23 (2013.01 - EP US); **C12N 2501/25** (2013.01 - EP US)

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 9528479 A1 19951026; AU 2302495 A 19951110; AU 688897 B2 19980319; CA 2187770 A1 19951026; DE 4412794 A1 19951214;
EP 0755439 A1 19970129; JP H09511903 A 19971202; US 5866115 A 19990202

DOCDB simple family (application)

DE 9500512 W 19950411; AU 2302495 A 19950411; CA 2187770 A 19950411; DE 4412794 A 19940414; EP 95916557 A 19950411;
JP 52662895 A 19950411; US 72749596 A 19961011