

Title (en)

EXPANSION OF STEM CELLS IN LONG TERM BONE MARROW CULTURES BY NEUTRALIZATION OF TGF- $\beta$ .

Title (de)

VERMEHRUNG VON STAMMZELLEN IN LANGZEITKULTUREN VON KNOCHENMARKZELLEN DURCH NEUTRALISIERUNG VON TGF- $\beta$ .

Title (fr)

EXPANSION DE CELLULES SOUCHES DANS LES CULTURES SUR UNE LONGUE DUREE DE M LLE OSSEUSE PAR NEUTRALISATION DU FACTEUR DE CROISSANCE TRANSFORMANT BETA.

Publication

**EP 0684828 A1 19951206 (EN)**

Application

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Priority

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- US 1955693 A 19930219

Abstract (en)

[origin: WO9418991A1] A method for expanding growth of hematopoietic stem cells in culture includes a step of admixing to the culture a TGF-  $\beta$  antagonist such as a soluble TGF-  $\beta$  receptor or a TGF-  $\beta$  -neutralizing antibody. Also, treating an animal includes steps of admixing a TGF-  $\beta$  antagonist to a culture of bone marrow cells to stimulate production of hematopoietic stem cells in the culture, and thereafter administering hematopoietic cells so produced to the animal. Also, a method for treating an animal includes steps of administering a TGF-  $\beta$  antagonist to the animal.

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**A61K 35/28; C12N 5/08**

IPC 8 full level

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