

## Title (en)

EX-VIVO EXPANSION OF HEMATOPOIETIC STEM CELL POPULATIONS IN MONONUCLEAR CELL CULTURES

## Title (de)

EX-VIVO-EXPANSION HÄMATOPOETISCHER STAMMZELLPOPULATIONEN IN MONONUKLEÄREN ZELLKULTUREN

## Title (fr)

EXPANSION EX VIVO DE POPULATIONS DE CELLULES SOUCHES HEMATOPOIETIQUES DANS DES CULTURES DE CELLULES MONONUCLEAIRES

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## Application

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## Abstract (en)

[origin: WO2004016731A2] Ex-vivo methods of expanding hematopoietic stem cells of hematopoietic mononuclear cells that comprise a major fraction of hematopoietic committed cells and a minor fraction of hematopoietic stem and progenitor cells, expanded populations of hematopoietic stem cells obtained thereby and their uses are disclosed

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## Citation (search report)

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- See references of WO 2004016731A2

## Citation (examination)

COUTINHO ET AL., BLOOD, vol. 75, no. 11, 1990, pages 2118

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