



(51) International Patent Classification:
A61K 31/5585 (2006.01) *C12N 5/078* (2010.01)
A61K 35/28 (2006.01)

(21) International Application Number:
PCT/EP2012/050484

(22) International Filing Date:
13 January 2012 (13.01.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11150835.4 13 January 2011 (13.01.2011) EP

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,
OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD,
SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE,
DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU,
LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,
SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: METHOD FOR ENHANCING ENGRAFTMENT OF HAEMATOPOETIC STEM CELLS

(57) Abstract: The present invention provides a novel method for enhancing engraftment of haematopoietic stem cells by an ex-vivo pretreatment comprising the steps of obtaining a sample containing haematopoietic stem cells and admixing a prostacyclin analogue to obtain a mixture, incubating said mixture for a period of time sufficient to stimulate G alphas-signalling in said cells and option-ally and isolating said stimulated cells. Further, a composition comprising a prostacyclin analogue for use in the treatment of indi-viduals undergoing haematopoietic stem cell transplantation is provided.

