9705910-1

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C12N 5/00, A61K 35/16, 35/30, C12Q 1/00 — A1

(11) International Publication Number: WO 96/37601

(43) International Publication Date: 28 November 1996 (28.11.96)

(21) International Application Number: PCT/GB96/01232

(22) International Filing Date: 22 May 1996 (22.05.96)

(30) Priority Data:

9510555.7	24 May 1995 (24.05.95)	GB
9522562.9	3 November 1995 (03.11.95)	GB
9606373.0	26 March 1996 (26.03.96)	GB

(71)(72) Applicant and Inventor: STRINGER, Bradley, Michael; John [GB/GB]; 3 Caer Cady Close, Cyncoed, Cardiff CF2 6BS (GB).

(74) Agent: JONES, William; The Crescent, 54 Blossom Street, York YO2 2AP (GB).

(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: CELL DIFFERENTIATION AGENTS

(57) Abstract

The invention relates to the multipotentiality of precursor cells and more specifically to the exploitation of this multipotentiality by providing methods and means for selectively driving differentiation along the predetermined pathway in order to provide for a preselected mature differentiated phenotype.