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(21) International Application Number: PCT/EP98/06004 (22) International Filing Date: 21 September 1998 (21.09.98) (30) Priority Data: 97116373.8 19 September 1997 (19.09.97) EP (71) Applicant (for all designated States except US): BIOPHARM GMBH [DE/DE]; Czemyring 22, D-69115 Heidelberg (DE). (72) Inventors; and (75) Inventors/Applicants (for US only): UNSICKER, Klaus [DE/DE]; Köpfelweg 54, D-69118 Heidelberg (DE). POHL, Jens [DE/DE]; Bastwald 25, D-76707 Hambrücken (DE). PAULISTA, Michael [DE/DE]; Wingertstrasse 10, D-69181 Leimen (DE). BECHTOLD, Rolf [DE/DE]; Carl-Zuckmayr-Strasse 21, D-69126 Heidelberg (DE). (74) Agent: PERREY, Ralf; Müller-Boré & Partner, Grafinger Strasse 2, D-81671 München (DE).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 20 May 1999 (20.05.99)
(54) Title: CYTOKINES HAVING NEUROTROPHIC ACTIVITY (57) Abstract The present invention relates to a pharmaceutical composition having neurotrophic activity, comprising a biologically active amount of at least two cytokines, wherein at least one of said cytokines is BMP, GDF, TGF- β or GDNF.		

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INTERNATIONAL SEARCH REPORT

Inter. .onal Application No

PCT/EP 98/06004

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 A61K38/18 A61K38/19

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 11965 A (AMGEN INC.) 3 April 1997 see the whole document ---	1,2,16, 17
X	WO 97 19694 A (AMGEN INC.) 5 June 1997 see the whole document ---	1,2,16, 17
A	WO 92 09607 A (CELTRIX LABORATORIES) 11 June 1992 see the whole document ---	1-17
A	EP 0 105 014 A (THE UNITED STATES OF AMERICA) 4 April 1984 see the whole document -----	1-17

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Information on patent family members

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