

Title (en)
CYTOKINE RELATED TREATMENTS OF DISEASE

Title (de)
BEHANDLUNGEN VON ZYTOKIN-BEDINGTEN KRANKHEITEN

Title (fr)
TRAITEMENTS LIES A LA CYTOKINE DESTINES A DES AFFECTIONS

Publication
EP 0998293 A4 20020717 (EN)

Application
EP 98903474 A 19980113

Priority

- US 9800634 W 19980113
- US 3609497 P 19970117
- US 2858697 P 19970423
- US 4397497 P 19970423
- US 5548797 P 19970812

Abstract (en)
[origin: WO9830223A1] Nucleosides and other compounds to selectively modulate Th1 and Th2 responses relative to each other in the treatment of disease. In one aspect of the invention, administration of a nucleoside or other compound reduces the dosage at which a primary drug is administered. In another aspect of the invention, an abnormality reflected in increased response in one group of cytokines is treated by administering a nucleoside or other compound which increases response in another group of cytokines. In yet another aspect of the invention, a patient is prophylactically treated by administering a nucleoside or other compound which selectively reduces Th1 activity without significantly reducing Th2 activity. In yet another aspect of the invention, a nucleoside or other compound is administered to a patient at a dose which reduces the patient's GTP pool to a degree that selectively reduces one of the Th1 or Th2 response without significantly reducing the other response. Controlled release dosage forms are particularly contemplated to achieve that result.

IPC 1-7
A61K 31/70; **A61K 45/06**; **C07H 19/00**; **C07H 19/16**

IPC 8 full level
A61K 31/52 (2006.01); **A61K 31/522** (2006.01); **A61K 31/56** (2006.01); **A61K 31/70** (2006.01); **C07H 19/167** (2006.01); **A61K 31/7042** (2006.01); **A61K 31/7052** (2006.01); **A61K 31/7056** (2006.01); **A61K 31/7076** (2006.01); **A61K 31/708** (2006.01); **A61K 31/7115** (2006.01); **A61K 45/06** (2006.01); **A61P 1/16** (2006.01); **A61P 3/10** (2006.01); **A61P 17/00** (2006.01); **A61P 31/12** (2006.01); **A61P 31/18** (2006.01); **A61P 35/00** (2006.01); **A61P 37/00** (2006.01); **A61P 37/04** (2006.01); **A61P 37/08** (2006.01); **A61P 43/00** (2006.01); **C07H 19/00** (2006.01); **C07H 19/04** (2006.01); **C07H 19/052** (2006.01); **C07H 19/056** (2006.01); **C07H 19/16** (2006.01); **C07H 19/24** (2006.01)

CPC (source: EP KR)
A61K 31/52 (2013.01 - EP); **A61K 31/522** (2013.01 - EP); **A61K 31/70** (2013.01 - EP KR); **A61K 31/7056** (2013.01 - EP); **A61K 31/7076** (2013.01 - EP); **A61K 31/7115** (2013.01 - EP); **A61K 45/06** (2013.01 - EP); **A61P 1/16** (2018.01 - EP); **A61P 3/10** (2018.01 - EP); **A61P 17/00** (2018.01 - EP); **A61P 31/12** (2018.01 - EP); **A61P 31/18** (2018.01 - EP); **A61P 35/00** (2018.01 - EP); **A61P 37/00** (2018.01 - EP); **A61P 37/02** (2018.01 - EP); **A61P 37/04** (2018.01 - EP); **A61P 37/08** (2018.01 - EP); **A61P 43/00** (2018.01 - EP); **C07H 19/00** (2013.01 - EP); **C07H 19/04** (2013.01 - EP); **C07H 19/052** (2013.01 - EP); **C07H 19/056** (2013.01 - EP); **C07H 19/16** (2013.01 - EP); **C07H 19/24** (2013.01 - EP)

Citation (search report)

- [X] US 5290540 A 19940301 - PRINCE GREGORY A [US], et al
- [X] EP 0346132 A1 19891213 - UNIV MINNESOTA [US], et al
- See also references of WO 9830223A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9830223 A1 19980716; AU 6023898 A 19980803; AU 736075 B2 20010726; BR 9807473 A 20000321; CA 2278158 A1 19980716; CN 1253504 A 20000517; CN 1289594 A 20010404; CN 1312254 A 20010912; EP 0998293 A1 20000510; EP 0998293 A4 20020717; HU P0001526 A2 20010528; HU P0001526 A3 20021028; IL 130497 A0 20000601; JP 2002080490 A 20020319; JP 2002515892 A 20020528; JP 2004035546 A 20040205; KR 20000070167 A 20001125; NO 20004327 D0 20000831; NO 20004327 L 19990913; NO 20004329 D0 20000831; NO 20004329 L 19990913; NO 993439 D0 19990713; NO 993439 L 19990913; PL 336579 A1 20000703; SI 9820003 A 19990630; SK 94099 A3 20010611; YU 61598 A 20030228

DOCDB simple family (application)
US 9800634 W 19980113; AU 6023898 A 19980113; BR 9807473 A 19980113; CA 2278158 A 19980113; CN 00121912 A 20000722; CN 00126807 A 20000829; CN 98801801 A 19980113; EP 98903474 A 19980113; HU P0001526 A 19980113; IL 13049798 A 19980113; JP 2001155321 A 20010524; JP 2003115258 A 20030421; JP 53124598 A 19980113; KR 19997006393 A 19990714; NO 20004327 A 20000831; NO 20004329 A 20000831; NO 993439 A 19990713; PL 33657998 A 19980113; SI 9820003 A 19980113; SK 94099 A 19980113; YU 61598 A 19980113