

Title (en)
SYNTHETIC INVERSO OR RETRO-INVERSO T-CELL EPITOPES

Title (de)
SYNTHETISCHE INVERSO ODER RETRO-INVERSO EPI TOPE VON T-ZELLEN

Title (fr)
EPITOPES DE LYMPHOCYTES T INVERSES OU RETRO-INVERSES SYNTHETIQUES

Publication
EP 0751960 A4 19980429 (EN)

Application
EP 95910335 A 19950224

Priority
• AU 9500090 W 19950224
• AU PM411994 A 19940225

Abstract (en)
[origin: WO9523166A1] Synthetic T cell epitope analogues of native T cell epitopes which are partially or completely inverso or retro-inverso modified with respect to the native T cell epitope are shown to be effective as T cell epitopes. These T cell epitope analogues stimulate immune responsiveness when used in place of their native T cell epitope counterparts in vaccines. The invention further relates to the use of these T cell epitope analogues, to vaccines comprising the T cell epitope analogues, to methods of preparing vaccines comprising these T cell epitope analogues, and to antibodies generated using these T cell epitope analogues.

IPC 1-7
C07K 14/705; **C07K 14/34**; **C07K 14/235**; **C07K 14/445**; **C07K 14/165**; **C07K 14/77**; **C07K 14/12**; **C07K 14/135**; **C07K 14/11**; **C07K 14/62**; **C07K 14/02**

IPC 8 full level
A61K 39/00 (2006.01); **A61K 39/015** (2006.01); **A61K 39/05** (2006.01); **A61K 39/10** (2006.01); **A61K 39/135** (2006.01); **A61K 39/145** (2006.01); **A61K 39/165** (2006.01); **A61K 39/205** (2006.01); **A61K 39/29** (2006.01); **A61P 31/04** (2006.01); **A61P 31/12** (2006.01); **A61P 33/02** (2006.01); **C07K 5/113** (2006.01); **C07K 7/06** (2006.01); **C07K 7/08** (2006.01); **C07K 14/02** (2006.01); **C07K 14/03** (2006.01); **C07K 14/09** (2006.01); **C07K 14/11** (2006.01); **C07K 14/12** (2006.01); **C07K 14/135** (2006.01); **C07K 14/145** (2006.01); **C07K 14/165** (2006.01); **C07K 14/195** (2006.01); **C07K 14/235** (2006.01); **C07K 14/34** (2006.01); **C07K 14/445** (2006.01); **C07K 14/62** (2006.01); **C07K 14/725** (2006.01); **C07K 14/76** (2006.01); **C07K 14/77** (2006.01); **C07K 16/08** (2006.01); **C07K 16/10** (2006.01); **C07K 16/12** (2006.01); **C07K 16/18** (2006.01); **C07K 16/26** (2006.01); **C12P 21/08** (2006.01)

CPC (source: EP)
A61P 31/04 (2017.12); **A61P 31/12** (2017.12); **A61P 33/02** (2017.12); **C07K 14/005** (2013.01); **C07K 14/235** (2013.01); **C07K 14/34** (2013.01); **C07K 14/445** (2013.01); **C07K 14/77** (2013.01); **C12N 2730/10122** (2013.01); **C12N 2760/16122** (2013.01); **C12N 2760/18422** (2013.01); **C12N 2760/18522** (2013.01); **C12N 2760/20122** (2013.01); **C12N 2770/20022** (2013.01)

Citation (search report)
• [X] EP 0282891 A2 19880921 - ENIRICERCHE SPA [IT], et al
• [X] WO 9321218 A1 19931028 - PROTEUS MOLECULAR DESIGN [GB], et al
• [X] WO 9113909 A1 19910919 - PROTEUS MOLECULAR DESIGN [GB]
• [X] WO 9311155 A1 19930610 - PROTEUS MOLECULAR DESIGN [GB]
• [PX] G. GUICHARD ET AL.: "Antigenic mimicry of natural L-peptides with retro-inverso-peptidomimetics", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, vol. 91, October 1994 (1994-10-01), WASHINGTON US, pages 9765 - 9769, XP002054075
• See references of WO 9523166A1

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

DOCDB simple family (publication)
WO 9523166 A1 19950831; AU PM411994 A0 19940324; CA 2183977 A1 19950831; EP 0751960 A1 19970108; EP 0751960 A4 19980429; JP H09509182 A 19970916; ZA 951591 B 19951208

DOCDB simple family (application)
AU 9500090 W 19950224; AU PM411994 A 19940225; CA 2183977 A 19950224; EP 95910335 A 19950224; JP 52202595 A 19950224; ZA 951591 A 19950224