



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁵ : C07K 7/00, 15/00, G01N 33/68 A61K 39/015, 39/21		A3	(11) International Publication Number: WO 93/20103																
			(43) International Publication Date: 14 October 1993 (14.10.93)																
(21) International Application Number: PCT/GB93/00711		(74) Agent: PENNANT, Pyers; Stevens, Hewlett & Perkins, 1 Serjeants' Inn, Fleet Street, London EC4Y 1LL (GB).																	
(22) International Filing Date: 5 April 1993 (05.04.93)		(81) Designated States: JP, US, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).																	
(30) Priority data: 9208068.8 3 April 1992 (03.04.92) GB 9217704.7 20 August 1992 (20.08.92) GB		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>																	
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(54) Title: PEPTIDES OF AN ANTIGEN, CAPABLE OF RECOGNITION BY OR INDUCTION OF CYTOTOXIC T LYMPHOCYTES, AND METHOD OF THEIR IDENTIFICATION																			
<table> <tr> <td>1s6</td> <td>K P I V Q Y D N F</td> </tr> <tr> <td>1s8</td> <td>K P N D K S L Y</td> </tr> <tr> <td>cp26</td> <td>K P K D E L D Y</td> </tr> <tr> <td>cp29</td> <td>K S K D E L D Y</td> </tr> <tr> <td>sh1</td> <td>I P S L A L M L I</td> </tr> <tr> <td>sh6</td> <td>M P L E T Q L A I</td> </tr> <tr> <td>cp6</td> <td>M P N D P N R N V</td> </tr> <tr> <td>P1A</td> <td>T P Y D I N Q M L</td> </tr> </table>				1s6	K P I V Q Y D N F	1s8	K P N D K S L Y	cp26	K P K D E L D Y	cp29	K S K D E L D Y	sh1	I P S L A L M L I	sh6	M P L E T Q L A I	cp6	M P N D P N R N V	P1A	T P Y D I N Q M L
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sh6	M P L E T Q L A I																		
cp6	M P N D P N R N V																		
P1A	T P Y D I N Q M L																		
(57) Abstract																			
A method of identifying peptides of an antigen of interest which are capable of recognition by or induction of cytotoxic T lymphocytes, comprises the steps of: ascertaining a "motif" of peptides which bind to a chosen HLA class I allele; providing peptides having this motif which are present in the known sequence of the antigen of interest; screening the peptides using an HLA assembly assay; and screening the resulting peptides for recognition by or induction of cytotoxic T lymphocytes. The above peptides have been identified by this method, and the peptides and vaccines containing them are also claimed.																			

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INTERNATIONAL SEARCH REPORT

PCT/GB 93/00711

International Application No

I. CLASSIFICATION OF SUBJECT MATTER (if several classification symbols apply, indicate all) ⁶		
According to International Patent Classification (IPC) or to both National Classification and IPC		
Int.Cl. 5	C07K7/00; A61K39/21	C07K15/00; G01N33/68; A61K39/015
II. FIELDS SEARCHED		
Minimum Documentation Searched ⁷		
Classification System	Classification Symbols	
Int.Cl. 5	C07K ; G01N ; A61K	
Documentation Searched other than Minimum Documentation to the Extent that such Documents are Included in the Fields Searched ⁸		
III. DOCUMENTS CONSIDERED TO BE RELEVANT⁹		
Category ¹⁰	Citation of Document, ¹¹ with indication, where appropriate, of the relevant passages ¹²	Relevant to Claim No. ¹³
X	AIDS vol. 5, no. 9, September 1991, LONDON, GB pages 1049 - 1059 D. NIXON ET AL. 'Cytotoxic T-cell recognition of HIV proteins and peptides.' see the whole document ---	1-3,5
X	EP,A,0 432 965 (SMITHKLINE BEECHAM CORPORATION ET AL.) 19 June 1991 see claims ---	6,7
X	EP,A,0 398 540 (SMITHKLINE BEECHAM CORPORATION) 22 November 1990 see claims ---	6,7
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IV. CERTIFICATION		
Date of the Actual Completion of the International Search		Date of Mailing of this International Search Report
07 SEPTEMBER 1993		29 -09- 1993
International Searching Authority		Signature of Authorized Officer
EUROPEAN PATENT OFFICE		NOOIJ F.J.M.

III. DOCUMENTS CONSIDERED TO BE RELEVANT (CONTINUED FROM THE SECOND SHEET)		
Category °	Citation of Document, with indication, where appropriate, of the relevant passages	Relevant to Claim No.
X	NATURE vol. 330, no. 6144, 12 November 1987, LONDON, GB pages 184 - 186 B. HAHN ET AL. 'Relation of HTLV-4 to simian and human immunodeficiency-associated viruses.' see the whole document ---	9
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**ANNEX TO THE INTERNATIONAL SEARCH REPORT
ON INTERNATIONAL PATENT APPLICATION NO.**

GB 9300711
SA 72616

This annex lists the patent family members relating to the patent documents cited in the above-mentioned international search report.
The members are as contained in the European Patent Office EDP file on
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07/09/93

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