Title (en)
PEPTIDE MIXTURE AND VACCINE AGAINST A CHRONIC VIRAL INFECTION

Title (de)
PEPTIDGEMISCH UND IMPFSTOFF GEGEN EINE CHRONISCHE VIRALE INFEKTION

Title (fr)
MELANGE PEPTIDIQUE ET VACCIN CONTRE UNE INFECTION VIRALE CHRONIQUE

Publication
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Application
EP 00969241 A 20000821

Priority
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Abstract (en)
[origin: WO0116163A2] Disclosed is a peptide mixture, a pharmaceutical composition and a vaccine against a chronic infection caused by a virus comprising a mixture of 10 to 30 amino acids (aa) long peptides each with a 5 to 25 aa overlap of the adjacent overlapping peptide spanning the amino acid sequence of a viral protein of said virus, e.g. Hepatitis B, Hepatitis C, GBvirus-C, HIV and Herpes viruses. Hepatitis B has been used as an example and it is demonstrated that a peptide mixture composed of seventeen 20 to 23 aa long peptides spanning the amino acids 1 to 183 of the hepatitis B core antigen (HBcAg) could activate specific T cells regardless of the host MHC/HLA genotype that recognize the native protein processed by professional antigen presenting cells (APCs). Further, a method is described for the treatment of a viral infection, particularly a non-resolving chronic viral infection, making use of the novel peptide mixture immunogen.

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