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Application
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- US 21846194 A 19940328
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- US 9503741 W 19950324

Abstract (en)
[origin: WO9526365A1] The present invention relates to a method for eliciting the production in healthy mammals, including humans, of high titer antibodies to an effector site in human IgE heavy chain, i.e. a site in the CH4 domain of the ELEMENT -chain, by the use of compositions of synthetic peptide immunogens in either a radially branching multimeric form (such as branching octameric or hexadecameric peptides) or a linearly arranged monomeric form, to inhibit mast cell activation and reduce allergen-induced IgE production. It also relates to the use of such "optimally" designer, carrier protein free, IgE ELEMENT -chain related immunogens as key components in a synthetic vaccine to provide an immunotherapy for the treatment of allergy. The subject peptides contain immune stimulator sequences, including a built-in helper T cell epitope tandemly linked in a specific orientation, to aid in stimulating the immune response towards the IgE CH4 domain.

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Citation (search report)
- [E] WO 9421676 A1 19940929 - UNIV CALIFORNIA [US]
- [E] WO 9425060 A1 19941110 - LADD ANNA E [US], et al
- [L] WO 9510532 A1 19950420 - PEPTIDE THERAPEUTICS LTD [GB], et al
- [PX] WO 9606357 A1 19960229 - PEPTIDE THERAPEUTICS LTD [GB], et al
- See references of WO 9526365A1

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WO 9526365 A1 19951005; AU 2195395 A 19951017; CA 2186595 A1 19951005; CN 1146772 A 19970402; EP 0811016 A1 19971210; EP 0811016 A4 19971210; JP H09510975 A 19971104

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