

Title (en)
T CELL EPITOPES OF RYEGRASS POLLEN ALLERGEN

Title (de)
T-ZELL-EPITOPE DES ROGGENPOLLEN-ALLERGENS LOL pI

Title (fr)
DETERMINANTS ANTIGENIQUES DE LYMPHOCITES T DE L'ALLERGENE CONTENU DANS LE POLLEN DU RAY-GRASS

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Application
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Abstract (en)
[origin: WO9421675A2] The present invention provides isolated peptides of Lol p I, a major protein allergen of the species Lolium perenne. Peptides within the scope of the invention comprise at least one T cell epitope, or preferably at least two T cell epitopes of a protein allergen of Lol p I. The invention also provides modified peptides having similar or enhanced therapeutic or diagnostic properties as the corresponding, naturally-occurring allergen or portion thereof, but having additional properties, e.g., reduced side effects. The invention further provides nucleic acid sequences coding for peptides of the invention. Methods of treatment and diagnosis of sensitivity to Lol p I or an allergen immunologically related to Lol p I in an individual (such as Dac g I, Poa p I, or Phl p I) also are provided. Compositions for therapeutic, diagnostic or reagent uses comprising one or more peptides of the invention are also provided.

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