Focus on plant lipid transfer proteins (LTP) in clinical allergology: about a case report.

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Mots-Clés : food allergy, lipid transfer protein, molecular allergology, sensitization

Doctorant/post-doctorant  Oui  ❌ Non

Résumé: Plant LTPs are antimicrobial peptides defined by a conserved signature of eight cysteine residues and a compact structure with a flexible lipid-binding hydrophobic cavity. The antimicrobial activity of LTPs varies greatly among plant species [1–3]. Molecular allergology has revolutionized allergology over the last 15 years. For the most common food allergens, it is now possible to identify the protein(s) responsible for allergy. In case of IgE-sensitization to plant LTPs, some people develop food anaphylactic reactions. These allergies are the most common in southern Europe[4]. Through a case report, clinical aspects, diagnosis as well as treatments of LTP-mediated food allergy will be depicted[5]. Multi-sensitization to food and respiratory allergens as well as the absence of specific IgE dosage for each food allergen LTP limit the identification of these allergies.

Références :


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