

Editorial

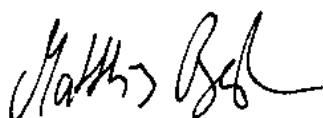
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Welcome to the Internet Symposium on Food Allergens,

This issue deals with allergies to five kernels and seeds which usually take a back seat to the well-recognized most important peanut and hazelnut allergens. Although the incidence of these five allergies is much less life-threatening, anaphylactic reactions may occur. The **Allergen Data Collections** on [Almond \(*Prunus dulcis*\)](#), [Poppy Seed \(*Papaver somniferum*\)](#), [Sesame Seed \(*Sesamum indicum*\)](#), and [Sunflower Seed \(*Helianthus annuus*\)](#) summarize epidemiological and clinical data as well as study results of allergen characterization and the allergenicity of food products.

While these kernels and seeds are mainly used as whole seeds for garnishing foods or for production of edible oils, the fifth seed focussed on in the **Review** of [Allergy to Mustard Seeds: The Importance of 2S Albumins as Food Allergens](#) is predominately used as a spice. In addition to the clinical features of mustard allergy the article brilliantly points out the role of 2S albumins which can present about 20% of seed storage proteins in legumes, tree nuts, seeds, and kernels.

The important issues with regard to seed allergens raised here will surely also be of concern beyond the circle of food allergy investigators.



(Food Chemist, PhD)

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Allergen Data Collection:

Almond (*Prunus dulcis*)

71-85

by Matthias BESLER, Julia RODRÍGUEZ, Steve L. TAYLOR

Allergen Data Collection:

Poppy Seed (*Papaver somniferum*)

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Allergen Data Collection:

Sesame Seed (*Sesamum indicum*)

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Allergen Data Collection:

Sunflower Seed (*Helianthus annuus*)

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by Matthias BESLER, Sue L. HEFLE, Erika JENSEN-JAROLIM

Abbreviations



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