Molecular Approaches for Food Protein Allergenicity Assesment and the Diagnosis and Treatment of Food Allergies

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Message from the Guest Editors

IgE-mediated food allergy is an increasing health problem that affects millions of persons. New developments in molecular allergology have allowed the advancement of knowledge in structure, characteristics and cellular interactions of food allergens.

Molecular applications offer the opportunity to obtain a full panel of the sensitizing allergens in allergic patients and know the potential IgE-reactivities to cross-reactive allergens. An accurate diagnosis allows the development of specific treatments using safer and more efficacious products for allergy therapy. Food labelling is an issue of relevance to food allergic consumers because processed foods may contain hidden allergens. Advances in allergen detection techniques allow quantifying trace levels of allergens, expanding food labelling information and protecting consumers from allergic reactions derived from cross-reactions.

This Special Issue is dedicated to the recent advances on diagnosis and treatment of food allergy as well as on identification of allergens. Therefore, articles addressing the development of innovative, reliable and rapid solutions for these matters are in the scope of this Foods Special Issue.

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Special Issue

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Message from the Editor-in-Chief

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