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## Food Allergy: Mechanisms, Allergen Characterization and Management

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Deadline for manuscript submissions:

**closed (30 April 2024)**

### Message from the Guest Editors

Dear Colleagues,

Food allergies represent a relevant societal challenge, potentially affecting almost 10% of the global population. Although new treatments for food allergies are currently in progress, the total avoidance of allergy-related food is the only effective means of preventing adverse immunological reactions in allergic patients. Therefore, it is of foremost importance to advance proficient strategies to reduce, or even eliminate, the allergenicity of foods, either by using novel food processing methods or through the development of hypoallergenic foods (genomic manipulation). In parallel, it is also crucial to have efficient food allergen monitoring programs.

This Special Issue intends to gather original research and review papers on food allergies focusing on clinical studies, immunological mechanisms, diagnostic methods, potential food allergy treatments, the molecular characterization of food allergens, protein allergenicity assessments, the effect of food processing strategies, and in vitro digestibility, and the development of analytical methods for food allergen analysis.

Dr. Caterina Villa  
Dr. Isabel Mafra  
Dr. Joana Costa  
Guest Editors



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# Special Issue



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## Message from the Editor-in-Chief

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