



The Molecular Mechanisms and Pathogenesis of Food Allergy and New Technologies

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Message from the Guest Editor

Dear Colleagues,

Food allergy is considered one of the major concerns in food safety. A major limitation that frustrates the development of current treatments is the lack of the mechanistic understanding of what makes a food protein an allergen, and the immunological and gastrointestinal mechanisms that control the induction of tolerance vs sensitization to food allergy.

Advanced new technologies based on Genomics, Proteomics, Transcriptomics, Metabolomics, Microbiology, Systems Biology, Micro/Nanofabrication of devices and Food Technology make them favorable strategies for food allergy control, therapy and study, where research institutions, industries, regulatory and health laboratories collaborate to acquire knowledge and guarantee food quality and safety for consumers.

In this Special Issue, we invite experts as well as beginners in the field of food allergy and advanced technologies to contribute their ideas for accelerating the implementation of new technologies procedures in food allergy.





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Message from the Editor-in-Chief

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