

Special Issue

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

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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Deadline for manuscript submissions

closed (5 March 2022)



Foods

an Open Access Journal
by MDPI

Impact Factor 6.0
CiteScore 10.3
Indexed in PubMed



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About the Journal

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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