Special Issue

Food Allergen Detection, Identification and Regulation

Message from the Guest Editors

Food allergies are a growing public health problem worldwide. For people with food allergies, the strict avoidance of allergic foods is the only way to protect themselves. Advanced analytical methods are required to ensure the safety of these individuals. These methods must be highly specific, sensitive, and resistant to interference from food matrix components. Current techniques focus on the detection of allergens themselves or relevant markers, such as peptide fragments or gene segments. The accurate detection and identification of allergens depend on the quality of the standards used. However, challenges such as a lack of availability, instability, the insufficient representativeness of allergens, or cross-reactivity with unrelated substances can complicate detection, so still require discussion. We are pleased to invite experts in the fields of food allergen analysis, food technology, food safety regulations, and related fields to contribute to this Special Issue of Foods. We look forward to original research articles, comprehensive reviews, and short communications that aim to advance our knowledge of food allergen detection, identification, labeling, and legal regulation.

Guest Editors

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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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