Special Issue

New Researches in Food Allergen Detection

Message from the Guest Editors

Currently, food allergies are an important health concern worldwide. The presence of undeclared allergenic ingredients or the presence of traces of allergens due to contamination during food processing poses a great health risk to sensitized individuals. Therefore, reliable analytical methods are required to detect and identify allergenic ingredients in food products. Enzyme-linked immunosorbent assay (ELISA) is the most used and common method to detect small amounts of proteins from specific foods and it is possible to find several ELISA kits, as well as other commertial immunoassays (i.e. lateral flow), in the market. In the last years, DNA-based methodologies have been proposed as an specific, sensitive and reliable alternative to ELISA, as Real Time PCR, microarrays and also DNA biosensors. The present issue gives an updated overview of the applications of new research in DNA and proteins-based methodologies for the detection of allergens.

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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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