Special Issue

Novel Detection Approaches of Biological and Non-biological Risk Factors in Foods

Message from the Guest Editors

Food contaminants include biological and non-biological risk factors, such as foodborne pathogens, mycotoxins, heavy metals, pesticides, veterinary drugs, and illegal additives. Instrumental techniques, such as liquid chromatography (LC), gas chromatography (GC), LC–tandem mass spectrometry (MS/MS), and GC–MS/MS, have been well-established for food analysis. In addition, instrument analysis usually requires a combination of sample preparation methods. Meanwhile, polymerase chain reaction (PCR), enzyme-linked immunosorbent assay (ELISA), and biosensors supplement the instruments, providing new methods for rapidly detecting food contaminants. Establishing a novel, quick, and sensitive detection method provides new technical support and theoretical basis for detecting food contaminants. Therefore, this Special Issue aims to publish the latest research on the novel detection approaches of biological and non-biological risk factors in foods Additionally, reviews on different detection methods for food contaminants are welcomed.

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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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