

Special Issue

Novel Detection Approaches of Biological and Non-Biological Risk Factors in Foods—2nd Edition

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. Developing quick and sensitive detection methods to determine food contaminants is necessary. Instrumental techniques, such as liquid chromatography (LC), gas chromatography (GC), LC–tandem mass spectrometry (MS/MS), and GC–MS/MS, have become well established in food analysis. Additionally, instrument analysis usually requires a combination of sample preparation methods, including solid-phase extraction, QuEChERS, and accelerated solvent extraction. Meanwhile, polymerase chain reaction (PCR), enzyme-linked immunosorbent assay (ELISA), and biosensors supplement the instruments, providing new methods for rapidly detecting food contaminants. Therefore, this Special Issue aims to publish the latest research on novel detection approaches for biological and non-biological risk factors in foods, which involve instrument methods, PCR, ELISA, and biosensors to detect food contaminants. Additionally, reviews of different detection methods for food contaminants are also welcome.

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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.

Editor-in-Chief

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