Special Issue

Combating Food Contamination: Strategies for the Reduction of Polycyclic Aromatic Hydrocarbons in Food Products

Message from the Guest Editors

Polycyclic aromatic hydrocarbons (PAHs) represent a highly diverse group of chemical contaminants, many of which possess potential mutagenic, genotoxic, and carcinogenic properties. The presence of PAHs in food can result from environmental contamination and can be generated during thermal processes of food production and processing. In recent years, our state of knowledge on PAH contamination sources, their toxicity, exposure assessment, detection methods, levels in foodstuffs, and methods of minimizing their formation and occurrence in food has advanced remarkably.

We invite you to contribute to this Special Issue by submitting original research or review articles. Topics of interest include, but are not limited to, the following:

Various strategies for the reduction and elimination of PAHs in food products;
Recent advances and developments related to minimizing PAH levels in food;
Sources and pathways of PAH formation and contamination in foods;
Contamination levels in food;
Innovative analytical methods for PAH determination in food.

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Deadline for manuscript submissions

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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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