

Special Issue

Analytical Methods for Allergen Control in Food Processing

Message from the Guest Editors

Dear colleague,

The analytical methodology for the detection and quantification of allergen residues in foods is an integral part of the evidenced-based risk assessment for label decisions including PAL. Accurate allergen detection continues to be a challenging task due to high uncertainty. While ELISA serves as a gold standard for allergen detection, PCR methods and particularly mass spectrometry have gained momentum in recent years. With the demand for user-friendly rapid on-site testing, biosensors are also emerging as new allergen detection platforms. Binding specificity of biorecognition molecules dictates the accuracy and precision in allergen detection and development of new biorecognition molecules is also emerging.

This Special Issue will welcome original research and review papers that contribute to advances in the allergen detection methodologies that address all aspects of “Analytical Methods for Allergen Control in Food Processing” with special attention to the following key areas: new allergen tests, novel sample preparation methods, novel biorecognition molecules, new analytical platforms, new instrumentation and validation approaches.

Guest Editors

Dr. Nanju Alice Lee

Prof. Dr. Michelle Colgrave

Prof. Dr. Andreas L. Lopata

Deadline for manuscript submissions

closed (16 December 2021)



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Foods
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
foods@mdpi.com

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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

Prof. Dr. Arun K. Bhunia

1. Department of Food Science, Purdue University, West Lafayette, IN 47907, USA

2. Department of Comparative Pathobiology, Purdue University, West Lafayette, IN 47907, USA

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