

## Special Issue

# Recent Insights into Immunoassays Approach for Foodborne Pathogens Detection

### Message from the Guest Editors

Foodborne pathogens remain a major global concern, posing significant threats to food security and public health. Rapid, accurate, and cost-effective detection technologies are crucial for early diagnosis and outbreak prevention. Immunoassay-based approaches, ranging from traditional enzyme-linked immunosorbent assays (ELISAs) and lateral flow immunoassays (LFIA) to advanced biosensors and nanomaterial-assisted platforms, have shown remarkable potential for sensitive and specific pathogen detection in complex food matrices. This Special Issue, entitled “Recent Insights into Immunoassays Approach for Foodborne Pathogens Detection,” will highlight cutting-edge progress in antibody engineering, signal amplification strategies, point-of-care diagnostics, and integrated detection systems for foodborne pathogens. We welcome original research and comprehensive reviews addressing innovations that enhance assay performance, robustness, and field applicability. By gathering recent advances from multidisciplinary perspectives, this Special Issue will provide valuable insights into the evolving role of immunoassays in ensuring food safety and supporting sustainable global food systems.

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### Deadline for manuscript submissions

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## Foods

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### 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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### Editor-in-Chief

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