

## Special Issue

# Application of Immunoassay Technology in Food Inspection

### Message from the Guest Editor

Food inspection is the key method to make sure the quality and safety of food. There are some hazard factors, such as pesticide residue, veterinary drug residue, heavy metal, biotoxin, and illegal additives. Immunoassay is the rapid detection method with high efficiency and accuracy and is the mainstream rapid detection method in food inspection. The syntheses of hapten, development of antibodies, immunoassay methods including colloidal gold immunochromatography, enzyme linked immunoassay, fluorescence immunoassay, chemiluminescence immunoassay, and bio-barcode immunoassay are research hotspots in recent years. This Special Issue is to provide the latest research in the field of i) design and synthesis of hapten for key hazard factors; ii) development of monoclonal antibodies, nanobodies, etc. for pesticide residue, veterinary drug residue, heavy metal, biotoxin, and illegal additives; iii) structure–activity relationship between hapten and antibody properties; iv) development of novel detection methods of immunoassay in food inspection. Additionally, reviews of immunoassay in food inspection are welcomed.

### Guest Editor

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### Deadline for manuscript submissions

closed (15 January 2023)



## 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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