

## Special Issue

# Application of Antibody and Immunoassay for Food Safety

### Message from the Guest Editors

Immunoassays are a class of analytical techniques wherein the reaction is based on highly specific molecular recognition between antibodies and antigens. Immunoassay has played a prominent role in the rapid detection of various analytes in food. Immunoreagents for food analysis are continuously developing during the last three decades, with hapten design leading to the possibility of using antibodies against non-common low molecular weight antigens and quantitative structure–activity relationship investigations, and structure biology approaches assisting toward a better understanding of the molecular recognition of epitope and antibody. A wide range of immunoassays have emerged in endlessly. New technologies are promoting the development of immunoassays and their application in food safety. This Special Issue aims to collect manuscripts that enable increasing the recent progress and broadening the novel knowledge about antibody and immunoassay for the detection of chemical and biological analytes such as pathogen, food contaminant, food fraud, and so on in the food safety area.

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### Guest Editors

Prof. Dr. Hongtao Lei

Prof. Dr. Zhanhui Wang

Prof. Dr. Sergei A. Eremin

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### Deadline for manuscript submissions

closed (31 December 2021)



## Foods

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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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