

Special Issue

Immunosensors and Immunoassays for Environmental, Agricultural and Food Safety Applications

Message from the Guest Editors

The fields of testing and sensing have been tremendously active of late, especially as the pandemic of COVID-19 leads people to an understanding of the importance of testing and asking for analysis with more accuracy and fast and high throughput.

Immunosensor/immunoassay, used to measure the presence or concentration of analytes ranging from small molecules to macromolecules, is one of the most promising testing platforms that meets the demands of being fast, cheap, sensitive and specific, and has wide applicability to environment, agriculture and food.

Recognition elements such as antibody or peptide remain essential to immunoassay, and how to get these materials with high affinity and specificity is a persistent task. This Special Issue aims to gather original articles and reviews showing research advances, fabrication, innovative applications, new challenges and future perspectives of immunosensors and immunoassays in important areas including medical diagnostics, chemical and biomolecular analysis in environment, agriculture, and food.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

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