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Immunosensors and Immunoassays for Environmental, Agricultural and Food Safety Applications

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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.



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Special Issue



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Message from the Editor-in-Chief

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