Special Issue

Advances in Microfluidics: Transforming Detection and Quantification of Disease Biomarkers and Target Organisms

Message from the Guest Editors

Over the past decade, the enhancement of microfluidics' intrinsic features, combined with advancements in technologies like optics, electronics, sensors, and advanced material, which have been seamlessly incorporated into microfluidics, has enabled a more sensitive and specific quantification of target molecules or organisms. As a result, numerous research studies and translated platforms in biomedical microfluidics have emerged, the numbers of which keeps increasing. In this Special Issue, entitled "Advances in Microfluidics: Transforming Detection and Quantification of Disease Biomarkers and Target Organisms", we aim to focus on further advancing biosensing and bioanalysis via microfluidic-based methods. Original research articles or reviews related to microfluidic-based detection and quantification of disease biomarkers and target organisms are welcome. We believe that this Special Issue will serve as an invaluable platform for researchers to share their insights, exchange knowledge, and inspire further advancements in the field of microfluidic-based detection and quantification.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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