

Special Issue

Micro/Nano Biosensors in Healthcare Applications

Message from the Guest Editors

Over the past decade, a growing number of micro/nano biosensors have been developed to revolutionize healthcare owing to their excellent sensing performance, small size, small sample requirements, and low cost. Moreover, the gap between laboratory and industry in healthcare applications can be minimized by changing traditional laboratory instruments into novel portable devices using advanced micro/nano fabrication and modification (e.g., photolithography, sputtering, electrodeposition, spin-coating, etc.), which we believe is crucial for developing a reliable health monitoring hand-held system for self-diagnosis. The highlights of this Special Issue will mainly aim for recent developments in micro-/nano-scale biosensors as well as present cutting-edge technologies in relevant fields, including various micro/nano manufacturing processes, novel sensing platforms, nanomaterial implementation and modification, and determination concepts, which may contribute as key factors in the expansion of related studies.

Guest Editors

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Deadline for manuscript submissions

closed (25 November 2022)



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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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