Special Issue

Nanofiber-Based Biosensors

Message from the Guest Editors

In recent years, a broad range of nanostructured materials has received significant attention in the research and development of biosensors. Fiber-based nanocomposites have shown promise in the development of sensitive and selective biosensors. This has been attributed to the distinctive properties of micro and nanofibrous biomaterials, including large specific surface areas and fiber length-to-diameter aspect ratios with improved polydispersity at the fiber surfaces and high biocatalytic properties of superior electrical conductivity. This Special Issue welcomes original research papers and review articles that leverage the inherent properties of nanofiber-based materials for biosensing applications.

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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.

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