Special Issue

Biosensors for Monitoring of Biologically Relevant Molecules

Message from the Guest Editors

Biosensors are analytical tools able to convert a biological interaction into a measurable signal. Developing fast analytical tools for on□site analysis is a strongly desired goal in particular to detect biologically relevant molecules in complex samples. Real-time monitoring is indispensable to predict tragic events caused by contamination with hazardous substances or changes in normal levels of a biomarker, followed by a decision and subsequent actions in the few minutes after any unexpected event occurs. This Special Issue is dedicated to advanced nanotechnologies applied in the biosensing field, including new concepts and designs of analytical devices, detection systems, sensor fabrication, big data, the Internet of Things, and personalized and wearable devices with applications in clinical, environmental, food, and water analysis.

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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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