Special Issue

Advanced Biosensors for Visual Detection

Message from the Guest Editors

The recent developments in the visualization of target molecules have significantly contributed not only to a wide range of scientific applications, including cell biology and monitoring, but also to industry fields, including disease and body fluid diagnosis and chemical sensing in environment, which are related to human life. There are two main fields for advanced biosensors for visual detection, including the development of sensing probes and analytical devices.

The aim of this Special Issue is to highlight the recent advances in sensing probes and devices. We invite experts engaged in various fields of biosensing, including colorimetric assay based on organic and inorganic materials, visualization via chemical and physical approaches, optoelectronic nose, photonic crystal, optical devices, microfluidic devices, and paper-based analytical devices, among others, to submit their research. Submissions may include original research articles, review articles, and communications.

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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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