



Biosensing Applications for Cell Monitoring

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Message from the Guest Editor

Dear Colleague,

Biosensing technology has matured enormously owing to its simplicity and speed compared to traditional sensing methods. Diverse biosensors have been developed from various research fields based on the use of biochemical, nano- and electrochemical technology to monitor targets. When biosensors were first developed, they were used to focus on environmental toxicants and harmful materials. Due to the advantageous aspects of biosensing, the targets of biosensing have been enlarged to include chemicals, toxins, metabolites and cells. In particular, cell monitoring has been highlighted in various clinical fields for the rapid and early detection of abnormal cells and pathogens. In this Special Issue, we aim to explore the recent techniques, methodologies and applications of biosensing techniques for cell monitoring, as well as its prospective uses going forward.

We welcome authors to submit papers to this Special Issue, entitled “Biosensing Applications for Cell Monitoring.” To be considered for inclusion, articles should help to advance the field of cell monitoring based on biosensing technologies.





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Editor-in-Chief

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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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