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Nano/Micro Biosensors for Biomedical Applications

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Message from the Guest Editors

The advances in nano/microtechnologies in recent years have significantly improved biosensors in terms of their viability for biomedical purposes, from diagnostic to therapeutic applications, allowing for effective early detection and personalized treatment modalities. Specifically, the introduction of a variety of nano/microtechnologies has offered new opportunities to improve the sensitivity, selectivity, response time, and biocompatibility of biosensors through outstanding physical, chemical, electrical and electrochemical properties.

Of great interest, this Special Issue aims to highlight the most recent and promising nano/microtechnologies utilized in the development of biosensors for biomedical applications. Thus, here we cordially invite you to contribute original research or review papers aligned with these themes, to lead the new approaches and solutions to a next-generation biosensor for biomedical applications.



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Special Issue



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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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