Special Issue

Advances in Electrochemical Sensors for Biomedical Applications

Message from the Guest Editors

The early detection of chronic diseases is an important task in modern research. Biomarker screening can help in the diagnosis of chronic diseases such as diabetes and heart disease. Current technologies available on the market are not satisfactory solutions for medical diagnoses. There is a need to improve the detection of biomarkers associated with chronic disease. Electrochemical biosensing strategies may support the detection of chronic disease biomarkers. This Special Issue. "Advances in Electrochemical Sensors for Biomedical Applications", covers research on the point of care or wearable-based sensors for the rapid detection of various analytes, including biomarkers, therapeutic drugs, and physiologically relevant ions, with the aid of electrochemical transduction techniques. Here, the main focus is on the development of handheld point-of-care devices and smart wearable sensing devices with advanced biosensing strategies. We encourage authors to submit research articles and reviews to this Special Issue to share your work, insights, and recent accomplishments with the biosensor research community.

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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