

Special Issue

Biosensors for Rapid Diagnostics

Message from the Guest Editor

In recent years, design and fabrication of biosensor systems for health monitoring have become a hot research field. These sensors can measure disease biomarkers such as specific biomolecules, enzymes, antibodies, antigens, hormones, and even complex organ functions in a rapid and low-cost manner. Intensive biosensor research in recent years has accumulated many scientific publications and attracted a great deal of attention and discussions in the public, the scientific community, and governmental agencies. The “ASSURED” criteria, set by the World Health Organization, specify the whole spectrum of requirements for low-cost biosensors designed for use in developing countries; they define the technical capabilities (i.e., “ASSR”) and user acceptance (i.e., “UED”) of low-cost sensing technology. In this Special Issue, we will focus on the importance of UED that deserve more research to increase the commercialization of biosensors.

Guest Editor

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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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