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Portable Technologies toward ASSURED Biosensing and Diagnostics

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Deadline for manuscript submissions:
closed (31 December 2021)

Message from the Guest Editors

This special issue of Biosensors will be devoted to bringing together review and original research articles discussing about innovative research and development on analytical sensing platforms that exploit ubiquitous devices to advance capabilities such as portability and automation. In addition, the special issue is also devoted to realizing potential applicability of the new concept in the area of ASSURED biosensing and diagnostics as defined by the World Health Organization (WHO) where the diagnosis system must be: Affordable, Specific, Sensitive, User-friendly, Rapid and robust, Equipment-free, and Delivered to the end-users. Our focus will be at the interface of molecular diagnostics, micro- and nanotechnologies, system integration, and internet of things (IoT) that facilitate improved performance of the smartphone-based analytical sensors. We cordially invite scientists working on different disciplines such as material science, nanotechnology, microengineering, analytical science, computer science, etc. to submit their work for the special issues. All type of application areas is welcome.

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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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