

Special Issue

Portable Biosensors for Rapid Detection

Message from the Guest Editors

In a new era of mobile healthcare and point-of-care testing, the need for fast, portable, and efficient diagnostic tools is growing. Biosensors offer many advantages over traditional laboratory assays in terms of sensitivity, accuracy, and rapid response and potential portability. They are now considered a promising alternative tool and one of the most accessible rapid detection methods in relation to field use and end users. The importance of portable biosensors has been widely recognized, and many studies have explored their potential applications in food safety, clinical diagnostics, personalized medicine, global health, environmental monitoring, etc. This Special Issue aims to analyze recent trends in portable biosensors, especially in connection with nanotechnology, genetic engineering, microfluidics, MEMS, and mobile devices. For more information, please see: mdpi.com/si/168550

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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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