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Biosensors for Point-of-Care Diagnostics

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Message from the Collection Editor

Dear colleagues,

Diagnostics plays an essential role in the healthcare realm. The reliability and accuracy of diagnostics has a great impact on clinical decision-making, treatment, and patient survival rate. POC diagnostic technologies (such as paper lateral flow assay, disposable biosensors, μ PADs, wearable biosensors, etc.) provide rapid testing at or near patients and are attractive in healthcare delivery due to their fast, user-friendly, and cost-efficient characteristics. The improvement of the POC diagnostic technologies is of great significance. The main topic of this special issue is related but not limited to:

- point-of-care diagnostics
- biosensors
- microfluidic-paper-based analytical devices
- paper lateral flow assay
- smartphone-based diagnostics
- disposable biosensors
- microfluidic sensing chips
- printable biosensors
- wearable biosensors
- biomarker detection



mdpi.com/si/48815



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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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