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Biosensors and Diagnostic Platforms in Support of Global Health, Antimicrobial Stewardship, Food Sustainability, and Water-Environment Quality 2023

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Message from the Guest Editor

This Special Issue of *Biosensors* invites papers on novel approaches in *biosensors* and biosensing platforms that address unmet needs in the rapid detection and diagnosis of diseases and biomarkers, particularly those with global societal impacts on human health, animal health, animal production, plant protection, water quality, environmental sustainability, food safety, biosecurity, and antimicrobial stewardship. The COVID-19 pandemic has also highlighted the need for the rapid detection of biomarkers and indicators in asymptomatic cases. A major focus of this Issue is addressing the accessibility of these biosensing technologies in terms of affordability, simplicity, and resource-limited operability and how they could be incorporated in the arsenal of prevention strategies against future pandemics. Papers and abstracts presented at the “2023 GARD Forum: Bridging Technologies and Market Needs” are welcome to this Special Issue.



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Special Issue



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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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