

Special Issue

Trends in Development of Biosensors for Disease Diagnosis, Treatment and Management—2nd Edition

Message from the Guest Editor

After the successful publication of the first edition of this Special Issue, entitled "Trends in Development of Biosensors for Disease Diagnosis, Treatment, and Management", we are pleased to announce the launch of the second edition under the same name. In recent years, biosensor development has garnered significant attention in the fields of biomedicine and healthcare. Biosensors find wide-ranging applications in disease diagnosis, treatment, patient health monitoring, and human health management.

For this Special Issue, our focus will be on innovative and groundbreaking biosensing technologies, which encompass electrochemical and optical biosensors, flexible biosensors, wearable technologies, paper-based detection strategies, microfluidic biosensors, gas detection biosensors, enzymatic biosensors, and micro-nano-scale biosensors.

We eagerly welcome research articles, review articles and communications. For those planning to submit papers, you may send a title and a concise abstract (approximately 100 words) to the Editorial Office or submit them on the Special Issue's website. Please visit the Instructions for Authors page for detailed submission guidelines.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2025)



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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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