

## Special Issue

# New Trends in Electrochemical Biosensors for Healthcare and Environmental Monitoring

### Message from the Guest Editor

This Special Issue is focused on sharing recent advances in the design of electrochemical (bio)sensors for the quantification of biomarkers and analyses of environmental relevance. Since the first biosensor described by Clark and Lyons in the early 1960s, electrochemical biosensors have demonstrated themselves to be very competitive and powerful tools for a large number of applications due to their well-known advantages such as low cost, high sensitivity and selectivity, fast response, miniaturization, and portability. In this sense, it is important to remark on the key role of nano(bio)technology for the design of new schemes oriented to the preparation of the biorecognition layer and the electrochemical transduction of the analytical signal. Original research articles, reviews, and prospective articles are welcome.

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### Guest Editor

Dr. Pablo R. Dalmaso

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### Deadline for manuscript submissions

closed (31 July 2025)



## Biosensors

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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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### Editor-in-Chief

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