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Electrochemical (Bio-) Sensors in Biological Applications

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editor

This Special Issue aims to explore the current state of the art in electrochemical sensors/biosensors applicable in biological analyses.

Invited contributions may focus on either of the following aspects:

- Sensor design: use of nanomaterials and bionanomaterials, hybrid materials, composites, biomimics or bio-inspired materials in sensor architecture; immobilization of bioreceptors (proteins, nucleic acids, tissues, microorganisms etc.) as a tool for its stabilization;
- Area of application—sensors/biosensors for disease diagnosis; clinical analysis, drug discovery and pharmacy, forensic science and food analyses, as well as any other fields of biological analysis;
- Improving sensors' analytical performance, e.g., selectivity of analysis in complex matrices, low detection limits.

Original research articles, communications, or comprehensive reviews will be considered for publication.



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Special Issue



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Editor-in-Chief

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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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