

## Special Issue

# Electrochemical (Bio)sensors Based on Nanomaterials

### Message from the Guest Editors

Nanomaterials-based electrochemical sensors or biosensors are crucial for environmental, health, food, and clinical applications. A variety of nanomaterials (metal nanoparticles, metal oxide nanomaterials, carbon nanomaterials, polymers, biomaterials, and others) are being used for developing an efficient electrochemical sensing platform for the detection of environmental contaminants, disease-causing pathogens, and disease biomarkers. The performance of these nano-electrochemical sensors and biosensors is evaluated on the basis of their dynamic response range of analyte, response time, limit of detection, sensitivity, selectivity, reproducibility, and affordability. Apart from their ex vivo applications, these sensors are also very useful for in vivo analyte monitoring. Thus, the field of nano-electrochemical sensors/biosensors is an intriguing aspect of analytical and bioanalytical sciences. The aim of this Special Issue is to provide an opportunity for researchers to publish their original/cutting-edge research ideas on the design and development of nanomaterials-based electrochemical sensors and biosensors for a wide range of analytical applications.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 June 2023)



## 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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