



an Open Access Journal by MDPI

Electrochemical Sensors and Biosensors for Environmental, Health, and Food Safety Applications

Guest Editors:

Prof. Dr. Stelian Lupu

Department of Analytical Chemistry and Environmental Engineering, Faculty of Chemical Engineering and Biotechnologies, National University of Science and Technology Politehnica of Bucharest, 1-7 Gh. Polizu Street, 011061 Bucharest, Romania

Dr. Cecilia Lete

Electrochemistry-Corrosion Department, Institute of Physical Chemistry "Ilie Murgulescu" of the Romanian Academy, 202 Splaiul Independentei, 022328 Bucharest, Romania

Deadline for manuscript submissions: closed (31 October 2023)

Message from the Guest Editors

Dear Colleagues,

The use of electrochemical (bio)sensors for the monitoring of target analytes in environmental, health, and food safety applications has attracted great interest in recent years.

This Special Issue aims to provide an updated overview of the recent developments and applications of electrochemical (bio)sensors in environmental quality, health, and food safety monitoring, including but not limited to various topics related to new detection analytical strategies, miniaturization and microfabrication of portable sensors, tailored (bio)recognition elements, in vivo detection, onsite monitoring, and remote sensing. Contributions in the form of reviews and research papers dealing with the latest developments of electrochemical (bio)sensors and their analytical applications in sensing of target analytes in environmental, biomedical, and agrifood samples are welcome.



mdpi.com/si/112659







an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giovanna Marrazza

Department of Chemistry "Ugo Schiff", University of Florence, Via della Lastruccia 3, 50019 Sesto Fiorentino, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (*Chemistry, Analytical*) / CiteScore - Q1 (*Engineering* (*miscellaneous*))

Contact Us

Biosensors Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/biosensors biosensors@mdpi.com X@Biosensors_MDPI