

Special Issue

Electrochemical (Bio-) Sensors in Biological Applications

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.

Guest Editor

Dr. Nina Dimcheva

Department of Physical Chemistry, Plovdiv University, 4000 Plovdiv, Bulgaria

Deadline for manuscript submissions

closed (30 June 2023)



Biosensors

an Open Access Journal
by MDPI

Impact Factor 5.6
CiteScore 9.8
Indexed in PubMed



mdpi.com/si/110419

Biosensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biosensors@mdpi.com

[mdpi.com/journal/
biosensors](https://mdpi.com/journal/biosensors)





Biosensors

an Open Access Journal
by MDPI

Impact Factor 5.6
CiteScore 9.8
Indexed in PubMed



[mdpi.com/journal/
biosensors](https://mdpi.com/journal/biosensors)



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.

Editor-in-Chief

Prof. Dr. Giovanna Marrazza

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

Author Benefits

High Visibility:

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

Journal Rank:

JCR - Q1 (Instruments and Instrumentation) / CiteScore -
Q1 (Instrumentation)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.8 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).