



Advances in Enzyme-Based Biosensors

Guest Editors:

Dr. Sevinc Kurbanoglu

Dr. Aysu Yarman

Dr. Livia Alexandra Dinu
Gugoasa

Deadline for manuscript
submissions:
closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

In recent years, much attention has been paid to exploring miniaturized and portable chemical and physical biosensors in order to replace the most complex ones. Especially, enzyme-based biosensors have been considered to develop simple, rapid and highly sensitive, and selective devices for the detection of desired compounds in many different samples. Enzyme-based biosensors have arisen widespread interest in health care, food, and environmental analyses since they provide great compatibility, good stability, and enhanced shelf-life properties. In light of this knowledge, different types of enzyme-based biosensing systems have been developed using many different transducers such as electrochemical, optical, thermal, etc. Therefore, this Special Issue “Advances in Enzyme-Based Biosensors” welcomes submissions about the recent advances in enzyme-based biosensor research and their applications in the detection of various species, such as drugs, pesticides, biologically important compounds, etc. We invite you all to share with us recent research in the field of enzyme-based biosensors.

With best regards,





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, CAPus / 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](https://twitter.com/Biosensors_MDPI)