



an Open Access Journal by MDPI

# **Current Perspectives in Biocatalytic Biosensors**

Guest Editors:

# Prof. Dr. Paolo Bollella

1. Department of Chemistry, University of Bari Aldo Moro, Via E. Orabona, 4 -70125 Bari, Italy 2. CSGI - Center for Colloid and Surface Science, CSGI@UniBa, Via E. Orabona, 4 -70125 Bari, Italy

#### **Dr. Angelo Tricase**

1. Department of Chemistry, University of Bari Aldo Moro, Via E. Orabona, 4 -70125 Bari, Italy 2. CSGI - Center for Colloid and Surface Science, CSGI@UniBa, Via E. Orabona, 4 -70125 Bari, Italy

#### **Message from the Guest Editors**

In recent years, we have witnessed the development of a number of biocatalytic biosensors as end-user and timesaving analytical devices for analyte detection in the fields of food, clinical and environmental sensing. Among all the transduction techniques under consideration, research into biocatalytic biosensors has mostly focused on amperometric devices.

This Special Issue devoted to biocatalytic biosensors (e.g., amperometric, potentiometric etc.) aims to focus on the most recent advances in the development of highly sensitive, selective and stable biosensors for food-related, biomedical and environmental applications.

Deadline for manuscript submissions: **31 December 2024** 



mdpi.com/si/174963







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