

Special Issue

New Trends in Electrochemical Biosensors for Healthcare and Environmental Monitoring

Message from the Guest Editor

This Special Issue is focused on sharing recent advances in the design of electrochemical (bio)sensors for the quantification of biomarkers and analyses of environmental relevance. Since the first biosensor described by Clark and Lyons in the early 1960s, electrochemical biosensors have demonstrated themselves to be very competitive and powerful tools for a large number of applications due to their well-known advantages such as low cost, high sensitivity and selectivity, fast response, miniaturization, and portability. In this sense, it is important to remark on the key role of nano(bio)technology for the design of new schemes oriented to the preparation of the biorecognition layer and the electrochemical transduction of the analytical signal. Original research articles, reviews, and prospective articles are welcome.

Guest Editor

Dr. Pablo R. Dalmasso

Center for Research in Environmental Chemical Engineering (CIQA), Córdoba Regional Faculty, National Technological University, Córdoba 5016, Argentina

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

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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.

Editor-in-Chief

Prof. Dr. Giovanna Marrazza

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

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