

Special Issue

Electrochemical (Bio-)Sensors in Biological Applications—3rd Edition

Message from the Guest Editors

After the success of the second volume of this Special Issue, 'Electrochemical (Bio-)Sensors in Biological Applications', The (assoc. prof.) and are launching a third edition under the same title. This Special Issue is dedicated to electrochemical sensors and biosensors that are applicable in diseases diagnosis; clinical, pharmaceutical, agricultural, food, and forensic analyses; and any other area of biological interest. This third edition will also focus on cutting-edge sensing technologies, including the following: Wearables, electronic textiles, and point-of-care (POC) devices; Implantable biodegradable sensors and biosensors for disease monitoring and treatment; (Bio-)sensors equipped with advanced signal processing techniques, incorporating machine learning and artificial intelligence for data analysis. Both critical reviews and original research articles that address analytical aspects (selectivity, validation, etc.), the design of sensing devices and/or platforms (bioreceptor immobilization, use of bio-mimics, bio-inspired catalysts), or sensing principles will be considered for publication.

Guest Editors

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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.

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