

# Special Issue

## Bio-Chips and Biosensors

### Message from the Guest Editors

Recent events related to COVID-19 have exposed the woeful lack of low-cost, point-of-care, sample-to-answer diagnostics. There is an urgent need to build next-generation biosensor systems for medical, food safety, environmental, defense and life science applications. Biosensors are impressive due to their ever-increasing spectrum of applications, spanning simple blood glucose detection meters to more challenging early-stage detection of cancer using liquid biopsies.

In this Special Issue, we seek unique research and development efforts in the broad area of biosensors. Submissions detailing biosensing systems, new biosensing applications, bio-recognition probes, biomarkers, transducers, hardware or signal processing techniques are encouraged. The main topic is related but not limited to:

- biosensors
- biomarkers
- biochips
- electrochemical
- fluorescence
- chemiluminescence
- bioluminescence
- piezoelectric
- immunosensors
- DNA
- RNA
- signal processing
- machine learning

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 July 2021)



## Biosensors

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Impact Factor 5.6  
CiteScore 9.8  
Indexed in PubMed



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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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### Editor-in-Chief

Prof. Dr. Giovanna Marrazza

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

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.6 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).