

Special Issue

Fundamentals of SARS-CoV-2 Biosensors

Message from the Guest Editors

This Special Issue, entitled “Fundamentals of SARS-CoV-2 biosensors”, has been devoted to one of the more dynamic battlefields for sensor technology in our era. Biosensors have been driven for the widespread diagnosis and treatment of COVID-19. Coronavirus identification by chemical and physical biosignals represents an urgent topic of scientific research, with explosive progress for screening and evaluating its potential action in biological parameters. Biosensors are between the most evocative members of the family of the modern world of technology. Original or review papers describing new opportunities for revealing the activation or inhibition of coronavirus threatening biological systems are welcome.

Guest Editors

Dr. Carlos Torres-Torres

Laboratory of Optics, Instituto Politécnico Nacional, Mexico City 07738, Mexico

Dr. Blanca Estela García-Pérez

Escuela Nacional de Ciencias Biológicas, Instituto Politécnico Nacional, Mexico City 11340, Mexico

Deadline for manuscript submissions

closed (31 July 2022)



Biosensors

an Open Access Journal
by MDPI

Impact Factor 5.6
CiteScore 9.8
Indexed in PubMed



mdpi.com/si/78447

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

[mdpi.com/journal/
biosensors](https://mdpi.com/journal/biosensors)





Biosensors

an Open Access Journal
by MDPI

Impact Factor 5.6
CiteScore 9.8
Indexed in PubMed



[mdpi.com/journal/
biosensors](https://mdpi.com/journal/biosensors)



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
Lastruccia 3, 50019 Sesto Fiorentino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.8 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).