



an Open Access Journal by MDPI

# Micro/Nano Biosensors in Healthcare Applications

Guest Editors:

### Message from the Guest Editors

Dr. Xing Xuan Dear Colleagues,

Dr. Clara Pérez-Ràfols

Dr. Junge Liang

Prof. Dr. Yang Li

Deadline for manuscript submissions: closed (25 November 2022) Over the past decade, a growing number of micro/nano biosensors have been developed to revolutionize healthcare owing to their excellent sensing performance, small size, small sample requirements, and low cost. Moreover, the gap between laboratory and industry in healthcare applications can be minimized by changing traditional laboratory instruments into novel portable devices using advanced micro/nano fabrication and (e.g., photolithography, modification sputtering, electrodeposition, spin-coating, etc.), which we believe is crucial for developing a reliable health monitoring handheld system for self-diagnosis. The highlights of this Special Issue will mainly aim for recent developments in micro-/nano-scale biosensors as well as present cutting-edge technologies in relevant fields, including various micro/nano manufacturing processes, novel sensing platforms, nanomaterial implementation and modification, and determination concepts, which may contribute as key factors in the expansion of related studies









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, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/biosensors biosensors@mdpi.com X@Biosensors\_MDPI