## Special Issue

# Trends in Development of Biosensors for Disease Diagnosis, Treatment, and Management

### Message from the Guest Editor

In this Special Issue, we will focus on innovative and groundbreaking biosensing technologies, including electrochemical and optical biosensors, wearable technologies, paper-based detection strategies, microfluidic biosensors, gas sensors, nanopores, and micro–nano-scale sensors for single-cell analysis. Moreover, we pursue the significance of unique materials, nanomaterials, and sensor components such as aptamers, smart polymers, imprinted polymers, metamaterials, 2D and 3D nanomaterials, etc. Furthermore, we are interested in novel biomarkers, e.g., exosomes, microRNA, RNAs, and DNAs, in a variety of biological samples including tears, sweat, saliva, blood, urine, and even breath. Emerging results from these topics will provide the opportunity to better study and improve disease diagnosis and treatment processes, and will enable faster and higher diagnostic specificity. Please visit the Instructions for Authors page before submitting a manuscript. Research articles, review articles as well as short communications are invited. For planned papers, a title and short abstract (about 100 words) can be sent to the Editorial Office for announcement on the website.

### Guest Editor

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### Deadline for manuscript submissions

closed (25 July 2023)

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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
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