



*biosensors*



an Open Access Journal by MDPI

## Recent Advances in Biosensing Technologies for Single Cell Analysis

Guest Editors:

### **Dr. Zhen Gu**

School of Information Sciences  
and Engineering, East China  
University of Science and  
Technology, Shanghai, China

### **Dr. Zhi-bei Qu**

Tenure-Track Associate  
Professor, Department of  
Medicinal Chemistry, School of  
Pharmacy, Fudan University, 826  
Zhangheng Road, Shanghai  
201203, China

### **Message from the Guest Editors**

Single-cell analysis is an important technology in the field of cell biology and biomedicine. It highly promotes the understanding of cellular heterogeneity, cell-cell interactions and intracellular changes at the nano/micro scale.

This Special Issue focus on the cutting-edge biosensing technologies for single-cell analysis. We welcome original works, perspectives, and reviews including, but not limited to, the development and applications of sensing technologies, data-processing methods, microfluidic devices and instruments for single-cell analysis.

Deadline for manuscript  
submissions:

**30 June 2024**



[mdpi.com/si/184796](https://mdpi.com/si/184796)

# Special Issue



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, CAPus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q1 (*Chemistry, Analytical*) / CiteScore - Q1 (*Engineering (miscellaneous)*)

## Contact Us

*Biosensors* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/biosensors](https://mdpi.com/journal/biosensors)  
[biosensors@mdpi.com](mailto:biosensors@mdpi.com)  
[X@Biosensors\\_MDPI](https://twitter.com/Biosensors_MDPI)