

## Special Issue

# Advances and Challenges in Nanomaterial-Based Fluorescent Biosensing

### Message from the Guest Editor

Fluorescence analysis is a very important method for analyzing biological samples. Nanomaterials which have fluorescence could be used in analysis and sensing. More and more research based on metal nanoclusters and the others has been developed. Therefore, this Special Issue "Advances and Challenges in Nanomaterial-Based Fluorescent Biosensing" focuses on the research of nanomaterials and their applications in biomolecular analysis and sensing. We invite submissions of research that help to advance the field of fluorescence biosensing.

### Guest Editor

Dr. Shengda Qi

College of Chemistry and Chemical Engineering, Lanzhou University,  
Lanzhou 730000, China

### Deadline for manuscript submissions

1 April 2026



## Biosensors

an Open Access Journal  
by MDPI

Impact Factor 5.6  
CiteScore 9.8  
Indexed in PubMed



[mdpi.com/si/254481](https://mdpi.com/si/254481)

*Biosensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[biosensors@mdpi.com](mailto: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, Ei Compendex, 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).