

## Special Issue

# Application of Functional Nucleic Acid Based Biosensors in Cell or Tissue Analysis

### Message from the Guest Editor

In recent decades, various biosensing strategies based on functional nucleic acids and functional DNA nanostructures with amplified signals have been developed to achieve signal-amplified cell imaging and tissue analysis. The labeling of DNA nanostructures with fluorescent dyes is one of the techniques most often employed to track the spatial location of biomarkers inside cells. Many in situ amplifications have been developed for cell imaging and tissue analysis via FRET signals. Encouraged by the developments concerning functional nucleic acids in cell imaging and tissues analysis, greater valuable information of the cell or tissue should be provided.

### Guest Editor

Prof. Dr. Fujian Huang

Faculty of Materials Science and Chemistry, China University of Geosciences, Wuhan, China

### Deadline for manuscript submissions

closed (30 June 2025)



## Biosensors

an Open Access Journal  
by MDPI

Impact Factor 5.6  
CiteScore 9.8  
Indexed in PubMed



[mdpi.com/si/173760](https://mdpi.com/si/173760)

*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, 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).