

## Special Issue

# Advanced Nanomaterials for Bio-Imaging

### Message from the Guest Editor

Recent advanced nanomaterials have served as an excellent platform for optical imaging biosensors to improve cancer detection, diagnosis, and image guided surgery while reducing the exposure of patients to harmful radiation caused by other traditional molecular imaging methods. Optical imaging is amenable to high throughput analyses because images can be acquired in a few seconds, and multiple subjects can be imaged simultaneously; thus, the method can be used for lengthy and repeated procedures over time, to monitor the progression of disease or the results of treatment. Optical imaging is also highly sensitive and cost effective, and it is straightforward to use. Importantly, a single nanomaterial can incorporate various imaging agents and target ligands followed by bioconjugation on the surface or encapsulation of molecules. Thus, rationally designed nanomaterials possess multimodality in imaging with minimal side effects to adjacent tissues and organs. We look forward to receiving contributions in these research areas that push the boundaries of this exciting new field.

### Guest Editor

Dr. Jung-Jae Lee

Department of Chemistry, University of Colorado Denver, Campus Box 194, P.O. Box 173364, Denver, CO 80217, USA

### Deadline for manuscript submissions

closed (30 May 2024)



## Biosensors

an Open Access Journal  
by MDPI

Impact Factor 5.6  
CiteScore 9.8  
Indexed in PubMed



[mdpi.com/si/139605](https://mdpi.com/si/139605)

*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).