



an Open Access Journal by MDPI

## Recent Advances in Optical Biosensors

Guest Editors:

**Dr. Pinkie Jacob Eravuchira**

Environment and People: A  
Centre for Scientific Research  
and Innovation, Kerala 670645,  
India

**Prof. Dr. Wenchao Zhou**

State Key Laboratory of Applied  
Optics, Changchun Institute of  
Optics, Fine Mechanics and  
Physics, Chinese Academy of  
Sciences, Changchun 130033,  
China

Deadline for manuscript  
submissions:

**closed (30 June 2023)**

### Message from the Guest Editors

In this Special Issue of *Biosensors*, we invite you to contribute high-quality research on recent advances in optical biosensing technology for various applications, including healthcare and pharmaceuticals, environment, food quality and packaging industry, chemical industry, etc. We welcome a range of contributions, covering both experimental and theoretical works on the latest developments in the field of optical biosensors.

- optical biosensors
- rapid detection
- lab-on-a-chip
- machine learning
- microfluidics
- healthcare
- environmental monitoring
- point-care-devices
- Raman
- SPR
- optical fiber



[mdpi.com/si/115203](https://mdpi.com/si/115203)

# 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, CAPlus / SciFinder, Inspec, and other databases.

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

## Contact Us

---

*Biosensors* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/biosensors  
biosensors@mdpi.com  
X@Biosensors\_MDPI