

## Special Issue

# Biosensors for Point-of-Care Diagnostics

### Message from the Guest Editors

This Special Issue aims to showcase the latest research progress and innovations in this field, mainly in the following areas:

- How biosensors bring new opportunities and capabilities to point-of-care diagnostics;
- How biosensors can realize the simultaneous detection of multiple biomolecules or pathogens to achieve multiple diagnostics and high-throughput screening;
- How to combine biosensors with smartphones, cloud computing, artificial intelligence and other technologies to improve the efficiency and accuracy of data processing, analysis and sharing, and provide new tools for point-of-care diagnosis and precision medicine.

In this Special Issue, we welcome original research papers, short communications, and review papers on advances in biosensors for point-of-care molecular detection and disease diagnosis.

---

### Guest Editors

Prof. Dr. Dacheng Wei

State Key Laboratory of Molecular Engineering of Polymers,  
Department of Macromolecular Science and Institute of Molecular  
Materials and Devices, Fudan University, Shanghai 200433, China

Dr. Derong Kong

State Key Laboratory of Molecular Engineering of Polymers,  
Department of Macromolecular Science and Institute of Molecular  
Materials and Devices, Fudan University, Shanghai 200433, China

---

### Deadline for manuscript submissions

30 June 2026



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/182621](https://mdpi.com/si/182621)

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

[mdpi.com/journal/  
sensors](https://mdpi.com/journal/sensors)





# Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/journal/  
sensors](https://mdpi.com/journal/sensors)



## About the Journal

### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

---

### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro  
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

---

### 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, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

#### Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)