

# Special Issue

## Feature Review Papers in Biosensors Section 2024

### Message from the Guest Editors

We are pleased to invite submissions for the 2024 Special Issue titled "Feature Review Papers in Biosensors Section 2024". This Special Issue aims to review the recent developments of advanced sensors and their applications in healthcare and clinical practice. Heavily impacted by the COVID-19 pandemic, the healthcare sector is witnessing the development and application of new technologies for diagnostics. Smarter, more accurate, faster, wireless, safer, self-learning, smaller, and standardized sensors are being widely developed and deployed. Many sensors that do not interfere with daily life and sensors made of new biocompatible materials have been attempted and are starting to be used clinically.

- Sensors that predict and prevent disease and improve the quality of daily life;
- Challenges and opportunities in the development of innovative sensing devices;
- Biosensors for microelectromechanical systems (MEMSs) and nanoelectromechanical systems (NEMSs);
- Wearable sensors and energy harvest;
- Sensors with the rapid development of fifth-generation (5G) cellular network technology;
- Key technologies influencing sensor design and innovation.

### Guest Editors

Dr. Igor Medintz

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Prof. Dr. Toshiyo Tamura

Future Robotics Organization, Waseda University, Tokyo, Japan

### Deadline for manuscript submissions

closed (31 December 2024)



## Sensors

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## 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.

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### Editor-in-Chief

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