## **Special Issue**

# Emerging Trends in Electrochemical Sensors for Human Health and Performance Monitoring

## Message from the Guest Editor

Electrochemical sensors have emerged as a powerful tool for detecting a wide range of chemical and biological targets. Their potential applications span across various fields, including healthcare, sports industry, environmental monitoring, food safety, and industrial process control. This Special Issue aims to explore the latest trends in the design, development, and applications of electrochemical sensors, with a particular focus on human health and performance monitoring. The issue features a collection of articles that showcase the cutting-edge research being conducted in this field, with a particular emphasis on the development of new materials, fabrication techniques, and sensing strategies. Contributors include researchers from academia, government, and industry, who provide insights into the latest advancements in electrochemical sensing technology for applications in human health and performance monitoring. We hope that the articles in this issue will inspire further innovation and collaboration in this rapidly evolving field. Keywords: electrochemistry; human; heath; performance; biosensors; chemical sensors

#### **Guest Editor**

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### Deadline for manuscript submissions

closed (31 July 2025)



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## 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

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