

## Special Issue

# Biomedical Sensors for Diagnosis and Rehabilitation

### Message from the Guest Editor

According to data provided by the World Health Organization, by 2030, 1 of 6 people in world will be aged 60 years or over. From a biological point of view, aging is a natural process where cellules become damaged over time, increasing the risk of suffering several diseases. After acute trauma, rehabilitation therapy aims to recover those lost capabilities and restore the autonomy of patients. Cost-effective technologies that assist researchers and medical practitioners are both demanded and needed. Biosensors arise as key elements in the process of diagnosis, prognosis, and eventually rehabilitation therapies. The medical society demands safe and cheaper means of performing their work in order to guarantee the sustainability of the entire healthcare system. Biosensors' applications are for screening infections and early detection, chronic disease treatment, health management, and well-being surveillance. Moreover, some of them play an important role in the rehabilitation process. Physiological monitoring via biosensors could help in both diagnosis and ongoing treatment of a huge number of individuals with neurological, cardiovascular, and pulmonary diseases, among others.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2023)



## Sensors

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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.

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