

## Special Issue

# Recent Innovations in Wearable Sensors for Biomedical Approaches

### Message from the Guest Editors

Wearable biosensors are transforming healthcare by enabling real-time, continuous, non-invasive monitoring of physiological signals. Integrated into devices like smart bands, e-glasses, smart textiles and clinical-grade tools, these technologies are opening up new possibilities for improved health management and personalized medicine. This Special Issue invites contributions from researchers in the fields of biosensors, artificial intelligence, edge computing and health data security to explore innovations in wearable technologies for personalized healthcare, disease management and rehabilitation. Topics of interest include, but are not limited to:

- novel smart health sensors
- algorithms for physiological signal processing
- low-power edge computing for digital health applications
- secure communication protocols for health data

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### Guest Editors

Dr. Martino Giaquinto  
Dr. Luca Greco  
Dr. Michela Russo

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### Deadline for manuscript submissions

30 September 2026



## 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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### Editor-in-Chief

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