



Biomedical Sensors and Systems for Medical Applications

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Message from the Guest Editors

Medical devices capable of sensing various biomedical signals have emerged as a new breakthrough in the future of healthcare. Through recording and in situ processing of the biosignals, these devices can offer uninterrupted health monitoring and timely, personalized, and/or medical interventions.

The focus of this Special Issue is on recent advances in biomedical sensor developments and their interface electronic systems, which take the form of wearables, implants, and other various medical devices. Topics include but are not limited to:

- biomedical sensor developments in various modalities (electrochemical, kinetic, thermal, piezoelectric, photovoltaic, etc)
- sensor interface circuits and electronics
- biomedical signal processing hardware
- wearable and implantable systems utilizing biomedical sensors
- biomedical sensors in biomedical devices and its application





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Message from the Editor-in-Chief

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