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State-of-the-Art Biomedical Sensors in USA

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Deadline for manuscript submissions:

closed (10 September 2023)

Message from the Guest Editors

This Special Issue aims to provide a comprehensive overview of the current state-of-the-art in Biomedical Sensor technology in the USA. We invite research articles that will consolidate our understanding in this area. The Special Issue will publish full research papers and reviews. Potential topics include, but are not limited to, the following research areas:

- Biomedical devices for disease diagnosis and treatment;
- Assistive systems/rehabilitation robotics with multi-sensor systems;
- Biomedical signals, image processing, and analysis;
- Multiplexed biomarker detection;
- Point-of-care testing and devices;
- Microfluidic and lab-on-a-chip technologies;
- Biosensors and biochips in diagnostics and treatment;
- Machine learning and artificial intelligence in biomedical sensors;
- Implantable sensors; Inertial sensors;
- Clinical applications: diagnostic, guiding therapy, patient monitoring, disease prevention, and risk assessment;
- Wearable sensors for sports and health monitoring
- ...



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Special Issue



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Message from the Editor-in-Chief

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