

## Special Issue

# Data Processing in Biomedical Devices and Sensors

### Message from the Guest Editor

Recent advances in biomedical sensors and wearable devices have significantly enhanced the ability to monitor and assess human physiological and behavioral states in real-time. However, raw biomedical signals are often affected by various noise sources, motion artifacts, and individual variability, making accurate and meaningful interpretation a challenge. This Special Issue focuses on innovative data processing techniques—including signal denoising, feature extraction, machine learning, and real-time analytics—that enhance the performance and reliability of biomedical devices. We welcome original research and review papers that contribute to the development of robust algorithms, efficient signal processing methods, and integrated systems for clinical and home healthcare applications.

### Guest Editor

Dr. Emi Yuda

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### Deadline for manuscript submissions

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## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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