

Special Issue

Advanced Biosensor, Signal Processing and Computers Sciences in Medicine and (Bio)medical Engineering

Message from the Guest Editors

The last global COVID-19 pandemic was a tough test for the global health system. Most local health systems have proven to need to prepare to deal with a new outbreak. The unprecedented nature of the global health context has posed many scientific challenges for health personnel and research teams. Therefore, this interdisciplinary Special Issue is intended for researchers, engineers, and healthcare professionals to share their latest research results and developments in biosensors, signal processing, and computer sciences in medicine and (bio)medical engineering. This Special Issue will cover the following areas of interest:

- Advanced biosensors (portable sensors, implementable sensors, non-invasive sensors, external sensors, and visual sensors).
- Signal and information processing techniques based on artificial intelligence, machine learning, and deep learning.

Overall, this Special Issue will publish original research highlighting the applications of biosensors, signal processing, and computer science to revolutionize telemonitoring in healthcare by improving medical diagnosis, therapy, remote monitoring of vulnerable people, and disease management.

Guest Editors

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About the Journal

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.

Editor-in-Chief

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