Special Issue

Advanced Sensing and Processing Methods for Non-Invasive Assessment and Monitoring of Chronic Disorders

Message from the Guest Editors

This Special Issue aims to present a collection of high-quality research articles highlighting clinical applications and technological advances in the field of non-invasive monitoring. We encourage the submission of articles that demonstrate new detection technologies, state-of-the-art processing methods, and their practical applications in healthcare. Topics of interest include, but are not limited to, the following:

- Development and validation of wearable sensors, smart patches, and smart clothes for chronic disorder monitoring;
- Application of cameras, radar, and radio-based systems for non-invasive health assessments;
- Advanced signal processing techniques for accurate and reliable data extraction;
- Machine learning and deep learning approaches for predictive analytics and personalized treatment strategies;
- Continuous monitoring solutions and their impact on chronic disease management;
- Case studies showcasing successful integration of non-invasive monitoring technologies in clinical practice;
- Innovations in therapy response assessment and rehabilitation using non-invasive methods.

Guest Editors

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Dr. Ignacio Pavón

Dr. Luis Sigcha

Dr. Florenc Demrozi

Deadline for manuscript submissions

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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.

Editor-in-Chief

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