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Current Accuracy and Advances in Wearable Sensors and Biosensors for Physiological Signals Measurement

Guest Editors:

Dr. Francesco Scardulla

Department of Engineering,
University of Palermo, Viale delle
Scienze, 90128 Palermo, Italy

Dr. Juri Taborri

Department of Economics,
Engineering, Society and
Business Organization, University
of Tuscia, 01100 Viterbo, Italy

Dr. Gloria Cosoli

Department of Theoretical and
Applied Sciences, eCampus
University, v. Isimbardi 10, 22060
Novedrate, Italy

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submissions:

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Message from the Guest Editors

Dear Colleagues,

In this special issue, wearable and contactless monitoring technologies, combined with data processing Artificial-Intelligence-based algorithms, could be used to monitor the general health status of patients. There are several biosensors for physicochemical detection and wearable technologies that range from contact to contactless systems, detecting a variety of physiological parameters, such as, among others, heart rate (HR) and its variability, respiratory rate, blood pressure (BP), skin temperature, stress, physical activity, energy expenditure, and sweating. Nevertheless, despite the huge variety of physiological parameters that can be acquired through sensors and biosensors, the determination of the measurement accuracy of measured data still remains a challenge. There are no widely accepted test protocols, and available data are quite inhomogeneous, making a comparison among the plethora of available devices difficult.

Thus, we invite you to submit your high-quality original research and review articles that address and explore recent advances in biosensors and wearable sensing technologies for physiological monitoring.



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Special Issue



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Editor-in-Chief

Prof. Dr. Giovanna Marrazza

Department of Chemistry “Ugo Schiff”, University of Florence, Via della Lastruccia 3, 50019 Sesto Fiorentino, Italy

Message from the Editor-in-Chief

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Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

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Biosensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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