

Special Issue

Wearable Bioelectronics for Personalized Healthcare

Message from the Guest Editor

The practice of human health care may be on the cusp of a revolution, driven by an unprecedented level of personalization enabled by advances in technology, specifically, the emerging wearable bioelectronics that could provide qualitative physiological information and clinical-grade data for physicians. Wearable bioelectronics is a fast-growing interdisciplinary research field that takes advantage of soft materials and electronic devices for the applications at the interface of biology and electronics. It covers a variety of research domains including healthcare devices, on-body energy storage/harvesting technologies, wireless communications, and body area network. The wearable bioelectronics is believed to enable the change of current reactive and disease-centric healthcare systems to a personalized model with a focus on disease prevention and health promotion. In this Special Issue, we will systematically introduce various wearable bioelectronics based on both applied physics and analytical chemistry for personalized healthcare.

Guest Editor

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Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. 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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