

Special Issue

Smart Biosensors for Healthcare Applications and Environmental Monitoring

Message from the Guest Editor

Smart biosensors are playing pivotal roles in disease management, such as screening, diagnostics, and the monitoring of disease progression (including drug delivery). These miniaturized sensors are also being utilized for the environmental monitoring of various pollutants and contaminants in the Earth's atmosphere. Various smart nanomaterial-based devices, along with lab on chip and nanoengineered sensors are being developed for the detection and tracking of biomarkers in humans and the environment. This Special Issue, entitled "Smart Biosensors for Healthcare Applications and Environmental Monitoring", will feature the discoveries and innovative approaches presented in the field of biosensors to promote a healthy environment with sustainable human society. To explore the aspects of personalized healthcare and monitoring environmental pollution, we will investigate smart sensors for detecting biomarkers related to diseases (cancer, viruses, bacteria, etc.) and environmental pollutants (water, air, soil).

Guest Editor

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Deadline for manuscript submissions

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About the Journal

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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