Special Issue

Electrochemical Biosensors for Real Time Detection

Message from the Guest Editor

Today, there is an increasing demand to develop new methods and systems which enable the detection of biomarkers for various interests in real time. Electrochemical biosensor devices present diverse possibilities as analytical tools which are able to exploit the current developments in nanotechnology as well the possibility to go to point of care systems. Adaptation of such technologies to various analytical applications such as diagnosis, water control, food safety, and environmental analysis is attracting considerable attention. We invite authors to submit original research and review articles on novel systems or approaches in electrochemical biosensors. Potential topics include but are not limited to:

- Innovative concepts in sensitive biosensors;
- New materials, nanomaterials and nanoparticles used in electrochemical biosensors: Conducting polymers, carbon nanomaterials, nanoparticles, and other based semiconductors;
- Devices and microfluidic systems, including electrochemical biosensors;
- Electrochemical detection analysis in situ and in vivo.

Guest Editor

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Deadline for manuscript submissions

closed (14 September 2021)

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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