Special Issue

The Prospect and Application of Electrochemical Biosensors

Message from the Guest Editors

Electrochemical biosensors, which are the combination of electrochemistry and biosensor technology. Compared with typical chemical sensors, it can detect targets at low cost, with additional benefits such as simple operation, rapid response, and high specificity. These characteristics provide electrochemical biosensors with great prospects in the fields of environmental monitoring, disease diagnosis, and food-safety risk assessment. In this Special Issue, we would like to collect and discuss the prospects and applications of electrochemical biosensors. We welcome reviews and research articles related (but not limited) to the following topics:

- Clinical biomarker, environmental indicator, and food component biomonitoring.
- Novel target and biological recognition element.
- Interface mechanisms of electrochemical biosensors.
- Electrode surface treatment and coating.
- Microelectrodes and interdigital electrodes.
- Sensor configuration design.
- Electrochemical detection method.
- Electrical signal measurement and treatment.
- Electrochemical biosensor application and challenge.

Guest Editors

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Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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