Special Issue

Advanced Electrochemical Biosensors

Message from the Guest Editor

Electrochemical sensors possess various advantages over conventional sensors, such as high sensitivity and selectivity, simple instrumentation, portability, outstanding compatibility, short analysis time, and low cost. Thus, various types of sensors based on electrochemical techniques have been developed for the detection of chemically, biologically, and environmentally important analytes. With recent developments in advanced material science and electronic technology such as signal processing and front-end electronic systems, electrochemical sensing methods are comprising a very wide range of analytical possibilities. Among these, electrochemical biosensors have attracted significant interest for the detection of biochemical compounds such as biological proteins, nucleotides, and even tissues due to their practical applications in health care, early diagnosis, and environmental monitoring. This Special Issue is aimed at publishing outstanding papers including but not limited to various state-of-the-art electrochemical biosensing technologies.

Guest Editor

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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