



Electrochemical Biosensors: Status, Challenges and Opportunities

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Message from the Guest Editors

Dear Colleagues,

We invite you to submit to this Special Issue of *Micromachines* focused on "Electrochemical biosensors". The electrochemical biosensors provide an attractive means to analyze the content of a biological sample due to the direct conversion of a biological event to an electronic signal. Compared to other analytical techniques, electrochemical biosensors are cost-effective, consume only a small amount of time and offer rapid detection. In addition, the design/fabrication of electrodes is one of the key components in this type of sensor. In recent years, the popularity of nanoscale fabrication, including nanomaterials, composite materials, biopolymers, and conducting polymers for electrochemical biosensor has been increasing. However, the interference influencing the biomolecular interaction from real samples remains the great challenge. Therefore, this Special Issue aims to provide recent advances and results in selective, accurate and cost-effective electrochemical biosensors.

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Message from the Editor-in-Chief

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