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Biosensors and Electrochemical Sensors

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Message from the Guest Editors

Dear Colleagues,

Quantitative detection of biomolecules is of paramount significance for modern clinical and biological fields. Electrochemical biosensors utilize specific bio-reagents (proteins, antibodies, enzymes, nucleic acids or cells) that recognize the target biomolecules and produce a detectable electrical signal that correlates with the concentration of the targets. The key parameters to evaluate the performance of the biosensors include the limit of detection (LOD), dynamic ranges, reproducibility, precision, selectivity, and response to interferences. It has become one of the most active fields in bioanalysis and biochemistry. The aim of this Special Issue is to provide an opportunity for researchers to publish their new ideas and latest research related to biosensors and electrochemical sensors.

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Guest Editors





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Message from the Editor-in-Chief

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