Special Issue

Nanomaterial-Based Enzymatic Biosensors

Message from the Guest Editor

This Special Issue mainly focuses on nanomaterial-based enzymatic nanozymes as detection devices and amplification devices for biomolecules analysis in different fields such as life health, food quality and safety, and environmental pollution. For that, this Special Issue aims to gather original articles and reviews, demonstrating research advances, fabrication, innovative applications, new challenges, and future perspectives of nanomaterial-based enzymatic biosensors in important field. Nanozymes are the catalytic nanomaterials with enzyme-mimicking activities. They are considered as the next generation of artificial enzymes due to their advantages over natural enzymes and even conventional artificial enzymes. The enzyme-like activity of nanomaterials could aid a cheaper, more stable, or faster detection approach. Then, nanozyme-based biosensors are in tune with the growing need to develop rapid and accurate analyses.

Guest Editor

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Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

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