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Nanomaterial-Based Enzymatic Biosensors

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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.



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Message from the Editor-in-Chief

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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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