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Recent Advances in Nanomaterial-Based Biosensing and Diagnosis

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Message from the Guest Editors

Dear Colleagues,

Nanomaterials have provided great contributions to the development of biosensors and diagnosis over the past few decades. So far, various nanomaterial-based techniques on account of electrochemistry, chemiluminescence, electrochemiluminescence, fluorescence, surface plasmon resonance, and colorimetric analysis have been developed. Nevertheless, fully satisfying the continued growing demand for application platforms that have the advantages of high sensitivity, low cost, and convenient operation is still a challenge, especially for industry requirements with high-performance fabrication technology. It is believed that multidisciplinary collaborations will remain the focus for the future development of biosensing and diagnosis applications, which will further stimulate research interest from academia and industry.

Accordingly, this Special Issue is devoted to a collection of significant advances on innovative research in the fabrication of different types of nanomaterial-based biosensors and diagnosis applications.



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Special Issue



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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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