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Emerging Trends and Applications in Nanobiosensors

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Message from the Guest Editors

Bionanotechnology has seen impressive growth, with nanobiosensors leading the way in improved biosensing. Nanomaterials provide unique properties for signal transduction, from photoluminescence to electron transport, and when combined with biomolecules like DNA or antibodies, can create new composite materials with added value. This enables sensing and imaging of analytes in deep tissue, or multiplexed assays for many different enzymes in the same reaction. The Biosensors Special Issue aims to publish original research papers and comprehensive reviews covering the most recent advances in nanobiosensors, including theoretical developments, field reports, experimental implementation, new assays, applications, technology, materials, integration, validation studies, intellectual property examination, emergent applications, future trends, and more. Both original papers and reviews are welcome.



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Special Issue



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Message from the Editor-in-Chief

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