

Special Issue

Emerging Trends and Applications in Nanobiosensors

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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About the Journal

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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