

Special Issue

Fluorescent Biosensors: New Methods, Devices and Important Applications

Message from the Guest Editors

Fluorescence is a type of important signal in biosensors, which is usually highly sensitive. It has been paid significant attention in biotracing (e.g., intracellular protein interaction or location), diagnosis (e.g., pathogen diagnosis for human, livestock, and crops), analytical chemistry (e.g., detection contaminant/chemical in food or environmental samples), and other fields. Fluorescent materials include organic compounds, proteins, inorganic fluorescent materials, etc. Resonance fluorescence, polarization fluorescence, time-resolved fluorescence, and other methods have emerged. This Special Issue focuses on fluorescence biosensing, including (but not limited to) new methods, new devices, important new applications, etc. We invite researchers to share their work on fluorescent biosensors, and original research articles and comprehensive reviews will be considered for publication.

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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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