Topical Collection

Collection Fluorescent Biosensors

Message from the Collection Editor

The aim of this Topical Collection is to feature novel fluorescent biosensors, their design, their mechanism of action, their production, and their applications. We invite original contributions on topics related to fluorescent biosensor technology, methodology, and applications, including, but not limited to: Förster resonance energy transfer (FRET) Fluorescence activated cell sorting (FACS) Fluorescent antibody applications Designed/engineered fluorescent proteins Bioluminescent sensors Chemiluminescent bioconjugate sensors Protein/nucleotide conjugates Biosensor arrays Biosensor fibers Cell-based fluorescent biosensing RNA-based fluorescent biosensing DNA-based fluorescent biosensing Protein-based fluorescent biosensing Therapeutic/diagnostic biosensors Quantum dot bioconjugates

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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