

## Special Issue

# Fluorescence Biodetection and Sensing Technology

### Message from the Guest Editor

This Special Issue, entitled "Fluorescence Biodetection and Sensing Technology", offers an in-depth journey into the dynamic realm of fluorescence-driven techniques tailored for biological applications. Protein, DNA, and cellular labelling strategies are central to this exploration, each meticulously designed to illuminate biological events in unprecedented detail. By harnessing exquisite fluorescence sensitivity, researchers can elucidate protein interactions, track DNA modifications, and map intricate cellular pathways in real time. With the integration of novel fluorescent probes and advanced imaging systems, these strategies have empowered scientists to visualize molecular dynamics at astonishing resolutions. From identifying biomolecular interactions to monitoring transient cellular events and diagnosing diseases, fluorescence labelling is an indispensable tool in the bioanalytical domain. By amalgamating multidisciplinary expertise, this journal emphasizes the transformative potential of fluorescence in accelerating discoveries, fostering therapeutic advancements, and catalyzing high-throughput screenings.

### Guest Editor

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### Deadline for manuscript submissions

closed (30 June 2024)



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### Message from the Editor-in-Chief

*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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