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Fluorescent Materials for Sensing, Bioimaging, Disease Diagnosis, and Therapeutics

Guest Editors:

Message from the Guest Editors

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Deadline for manuscript submissions: closed (30 June 2023) Since the discovery of the fluorescence-based sensing technique in the mid-1980s, it has expanded into several advanced fields, such as bioimaging, disease diagnosis, therapeutics, surgery, etc. In recent years, fluorescence-based techniques have become an indispensable tool to investigate biological systems due to their simplicity, cheap mode of operation, higher resolution, and noninvasiveness.

The objective of this Special Issue is to sketch an overview of recent trends in fluorescence-based sensing methods in biological applications. This issue will cover a broad field, starting from the development of fluorescent materials to their application in bioimaging, designing bioanalyteselective probes and fluorescent tags for studying chemical biology, also monitoring inter/intracellular dynamics of analytes for disease diagnosis, therapeutics, and surgery. High-quality research articles demonstrating original scientific results and review articles summarizing outstanding features of this field are encouraged for submission to this Special Issue.



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Message from the Editorial Board

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