

Special Issue

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

Message from the Guest Editors

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 bioanalyte-selective 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.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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