

Special Issue

Fluorescent Probes for Imaging and Diagnostics

Message from the Guest Editors

Fluorescent probes have become important research tools in molecular biology, medical research and other fields. Different from other technologies, it can present biological molecules or physiological processes that are invisible to the naked eye in the form of optical signals, which greatly promotes the feasibility and operability of research. Some fluorescent probes can also act as inhibitors of important enzymes or have photodynamic/photothermal effects for integrating diagnosis and treatment of diseases including tumors, which have attracted the attention of researchers in recent years. In addition, the development of fluorescent probes for clinical imaging-guided surgical navigation is crucial for accurate surgical resection. Now, this Special Issue aims to a platform to show the latest advances in fluorescent probes. We are happy to process the submissions of original research articles, communications, as well as reviews about fluorescent probes for the recognition of small biological molecules in living cells, tracking the activities of enzymes, diagnosis and treatment of diseases.

Guest Editors

Prof. Dr. Haidong Li

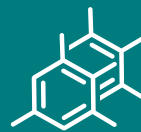
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Deadline for manuscript submissions

closed (30 May 2024)



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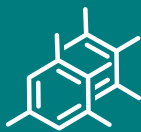


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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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