

Special Issue

Advanced Fluorescence Methodologies: Focus on Molecular Research

Message from the Guest Editors

Detailed analysis of macromolecular structure and dynamics has been greatly facilitated by the use of advanced fluorescence-based experimental approaches. Although the basic principles of fluorescence spectroscopy and imaging were established decades ago, recent conceptual and technological advances have dramatically extended their range of applicability. For example, improvements in optics, electronics, computation, and dye technology have allowed unprecedented access to macromolecular motions and interactions in vitro and in living cells. This Special Issue will present original research investigations that employ state-of-the-art fluorescence methodologies, as well as review articles that address current progress in the field. Emphasis will be on studies which advance our understanding of biological systems.

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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