

Special Issue

Fluorescent Materials and Biological Subcellular Localization

Message from the Guest Editors

The application of fluorescent materials in biological system is rapidly growing. Different types of fluorescent materials, including organic small molecules, coordination compounds, polymers, inorganic nanoparticles (semiconductor quantum dots, carbon dots, MOF materials, nanoclusters), and hybrid nanoparticles have been used for bioimaging, monitoring biological species, and photodynamic therapy. However, these fluorescent materials were generally used to target specific tissues or cells. In recent years, fluorescent materials able to target subcellular structures/organelles or detect local properties of microenvironments have been rapidly developing. This Special Issue of the *International Journal of Molecular Sciences* aims to collect papers about the advances in fluorescent materials (fluorescent dyes or sensors) for subcellular localization or for detecting biophysical or physicochemical properties of subcellular structures/organelles or microenvironments.

Guest Editors

Prof. Dr. Yong Chen

1. Jiangxi Key Laboratory for Microscale Interdisciplinary Study, Institute for Advanced Study, Nanchang University, Nanchang 330031, China
2. College of Life Sciences, Nanchang University, Nanchang 330031, China

Prof. Dr. Qianying Cao

Department of Chemistry, Nanchang University, Nanchang 330031, China

Deadline for manuscript submissions

closed (31 December 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/136797

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore
- Q1 (Organic Chemistry)