

## Special Issue

# Design, Synthesis and Applications of Dendrimer Materials

### Message from the Guest Editors

Over the last decades, dendrimers have attracted considerable attention from the scientific community due to the wide range of properties and prospects of applications that these arborescent molecules can offer. Indeed, dendrimers exhibit a tridimensional shape, have the ability to encapsulate small molecules and to release them, and can be functionalized at their periphery or inside their branches by an infinite variety of functional groups. Thanks to these unique features, dendrimers can be viewed as promising candidates for applications in catalysis, in materials science, or in biology. This special issue focuses on the design, synthesis and functionalization of dendrimer molecules with the aim to confer them specific properties that can be targeted for any domain of application. We cordially invite you to share your knowledge and your recent accomplishments by submitting research articles or reviews for this Special Issue of *International Journal of Molecular Science (IJMS)* on the “Design, Synthesis and Applications of Dendrimer Materials”.

### Guest Editors

Dr. Valérie Maraval

Laboratoire de Chimie de Coordination du CNRS, 205 Route de Narbonne, 31077 Toulouse, CEDEX 4, France

Dr. Anne-Marie Caminade

Laboratoire de Chimie de Coordination du CNRS, 205 Route de Narbonne, 31077 Toulouse, CEDEX 4, France

### Deadline for manuscript submissions

closed (30 October 2025)



## International Journal of Molecular Sciences

an Open Access Journal  
by MDPI

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/188875](https://mdpi.com/si/188875)

*International Journal of  
Molecular Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto: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)* 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, and molecular biophysics. *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. José L. Quiles  
Department of Physiology, Institute of Nutrition and Food Technology  
"Jose Mataix", Biomedical Research Center, University of Granada,  
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

---

### 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, CAPus / SciFinder, and other databases.

#### Journal Rank:

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